## Topic: Car Listing: Deployment using Heroku Part 19B

### Speaker: | Notebook: Django Project: Car Listing



- 1. This is the SECOND PART in the Django deployment in Heroku.
- 2. The next thing we need to do is use the GIT command to
- \$ git init
- \$ git add -A
- \$\_git commit -m "started deployment"

MINGW64:/c/Users/Rosilie/OneDrive/Desktop/LEARNING DJANGO	PROJEC	—	
(env) Cosilie@DELL_MINGW64_~/OpeDrive/Desktop/LEARNING_DIANGO	PROJECTS	/Carzon	e-Pro
(main) ; git init ; einitialized existing Git repository in C:/Users/Rosil ;NG DJANGO PROJECTS/Carzone-Project/.git/	ie/OneDriv	ve/Desk	top/LE
( <b>env)</b> losilie@DELL MINGW64 ~/OneDrive/Desktop/LEARNING DJANGO	PROJECTS,	/Carzon	e-Proj
(main) 5 git add -A (env) kosilie@DELL MINGW64 ~/OneDrive/Desktop/LEARNING DJANGO	PROJECTS	/Carzon	e-Prof
(main)			
git commit -m "started deployment"			
main 4269bc0] started deployment			
create mode 100644 Procfile			
create mode 100644 project_dump.json			
create mode 100644 runtime.txt			
(env)			
<pre>tosilie@DELL MINGW64 ~/OneDrive/Desktop/LEARNING DJANGO   (main)</pre>	PROJECTS,	/Carzon	e-Proj

3. Issue the HEROKU command,

\$ heroku create



You have to go back to your browser and in the HEROKU PAGE, ADD A PAYMENT method since HEROKU does NOT provide a free account.

You have subscribed using the ECO DYNOS PLAN for personal projects. If this is not the case anymore, you can upgrade to HIGHER DYNOS PLAN.

After payment, we issued the command again and we get this:



CRYPTIC-CHAMBER-84584 is the random app name if heroku create code has no app-name.

\*\*UPDATED: You recreated your app when you destroyed CRYPTIC-CHAMBER-84584, this is your new random app name





5. Update the SETTINGS.PY as

	⊲ _		←	→	م	Carzone-P	roject			]	
		EXPLORER		a setting	rnu M X 💩 urls.py contacts	🔹 views		e models.py contact		🍨 adn	nin.py
0	<b>~</b>	✓ CARZONE-PROJECT		carzone >	🄹 settings.py > { } dj_database_url						
	பு	> accounts					> STATIC	Aa <u>ab</u> ,	* ? o	f 10	<b>↑</b> •
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-	٢°	> static					FJ-				
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	♪	n argi py			Generated by ujan	go-auii	ודוו צרמו רן	project asti	g . D	Jango	
	×	🔹 settings.py	м								
	RP			6	For more informati	on on	this file	e, see			
		🔹 wsgi.py			https://docs.djang	oproje	ct.com/e	n/3.0/topics/	set	tings	5/
	G	> contacts									
		> env		9	For the full list	of set	tings and	d their value	s, 9	see	
	Д	> pages		10	https://docs.djang	oproje	ct.com/e	n/3.0/ref/set	tin	gs/	
		> photos									
	٠	> Resources									
		> static			from diango.contri	b.mess	ages imp	ort constants	as	mess	age
	$\mathbb{A}$	> templates		14	import os		-9-2P				
		<ul> <li>.gitignore</li> <li></li> </ul>			Import 05						
		F carzone_db		16							
		manage pv		10	# jor neroku uepto	ymenc 1					
		4 Procfile		1/	import dj_database	_ur1					
		() project_dump.json		18							
		requirements.txt		19							join
		F runtime.txt		20	BASE_DIR = os.path	.dirna	me(os.pa	th.dirname(os	.pa	th.ab	ospa
						lopmen		gs - unsuitab			prod

Next, comment out or delete the section below in the SETTINGS.PY:

DATABASES = {
···· 'default': {
ENGINE': '
NAME': 'car
USER': 'po:
PASSWORD':
HOST': 'lo
•••••}
}

After removing the dtabase block that was used in our localhost, we add this new line:

Syntax:

DATABASES = { 'default':dj\_database\_url.config(default='postgres://user:password@localhost/dbname') }

Using the DATABASES line, change it to your own database credentials. Use the details of your commented DATABASES BLOCK to replace the vaule of USER as POSTGRES, PASSWORD='yOUR DB PASSWORD', DBNAME as CARZONE\_DB



6. Replace DEBUG=TRUE to DEBUG=FALSE during deployment or production.

FROM:

DEBUG = True

TO:

# SECURITY WARNING: don't run with debug turned on in productio
DEBUG = False

7. Next install, install the new package WHITENOISE

\$ pip install whitenoise

Kosile@Dell MINGW64 ~/OneDrive/Desktop/LEARNING DJANGO PROJECIS/Carzone-Proje
(main)
<pre>\$ pip install whitenoise</pre>
Requirement already satisfied: whitenoise in c:\users\rosilie\onedrive\desktop
earning django projects\carzone-project\env\lib\site-packages (6.7.0)
(env)
Rosilie@DELL MINGW64 ~/OneDrive/Desktop/LEARNING DJANGO PROJECTS/Carzone-Proje
(main)

8. Update SETTINGS.PY for WHITENOISE PACKAGE CONFIGURATION.

67	MIDDLEWARE =	ſ						
68	'diango.m	niddleware.	security	.Securit	vMiddlewa	re'.		
69	'diango d	contrib see	sions mi	ddleware	SessionM	iddleware'		
70	djungo.	aiddlouana		CommonMid	dlowano'	ruureware .	,	
70	ajango.n	ituuteware.	common.u	.ommormitu	uieware,			
71	'django.n	niddleware.	csrf.Csr	rfViewMid	dleware',			
72	'django.d	contrib.aut	h.middle	ware.Aut	henticatio	onMiddlewa	re',	
73	'django.d	contrib.mes		iddleware	.MessageM	iddleware'		
74	'diango m	middleware	clickia	king XFr	ameOntion	sMiddleware	, _'	
75	# all auth		nddl ouar	na fan ca		a	- ,	
75	#·accauci	i account i	rtaatewar	·e·for·so		•		
/6	allauth.	.account.m	lddleware	Account	Middleware	e',		
77		ROKU∙deploy						
78	'whiteno	ise.middlev	vare.Whit	eNoiseMi	ddleware'	,		
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∢				م	Carzone-Project			
≡	EXPLORER ····	🔹 settings.py M 🗙 🍨		views.py contacts		e admin.py accounts		
Ð	✓ CARZONE-PROJECT CT ℃ 0 0 ··· > accounts	carzone > 🌵 settings.py ) 198 FMATI II	 SF TLS = True					<b>A</b> 1 <b>-</b>
	> cars	199	/ i los = 11 de			> STATIC	Aa ab. •* 11 of 12	$\uparrow \downarrow \equiv$
	✓ carzone     ✓ carzone	200 # White		ration for HE				
ĥ	> static	201 STATICF	LES_STORAGE	= 'whitenoise	e.storage.Compr	essedManifest <mark>Sta</mark>	aticFilesStora	ge'
		202						
æ <sup>-</sup>	🔹 settings.py 🛛 M							
B	🔹 wsgi.py							
G	> contacts							
π	> media							
A	> pages > photos							

9. We need to update our Github repository. We issue the commands "GIT ADD -A", "GIT COMMIT -M "COMMENT"" but we CANNOT PUSH THIS TO GITHUB. We should however push this to GITHUB HEROKU. So we issue the command:

# TAKE NOTE THAT ONCE YOU CREATE AN APP WITH HEROKU, ALL GIT COMMANDS ARE UPDATING THE HEROKU SERVER AND NOT THE GITHUB SERVER.

The tutorial uses GIT PUSH HEROKU MASTER, but this gives you an error. You have been using MAIN in your GITHUB REPOSITORIES. So with Heroku, we will use MAIN as well.

	(main)
~	\$ git push heroku main
ΟC	Enumerating objects: 13963, done.
	Counting objects: 100% (13963/13963), done.
	Delta compression using up to 8 threads
E٨	Compressing objects: 100% (10396/10396), done.
	Writing objects: 15% (2095/13963), 10.01 MiB   2.08 MiB/s

10. You encountered an error message that is similar to the tutorial (tutorial uses Python 3.8.2 for Stack Heroku 18. Your error message is the same but for Python 3.9;9 Stack Heroku 22.

Rosilie@DELL M	INGW64 ~/OneDrive/Desktop/LEARNING DJANGO PROJECTS/Carzone-Pro						
\$ git push her	oku main						
Enumerating ob	ojects: 13963, done.						
Counting object	ts: 100% (13963/13963), done.						
Delta compress	ion using up to 8 threads						
Compressing ob	ojects: 100% (10396/10396), done.						
Writing object	s: 100% (13963/13963), 26.13 MiB   2.47 MiB/s, done.						
Total 13963 (d	lelta 4429), reused 7289 (delta 2023), pack-reused O						
remote: Resolv	ring deltas: 100% (4429/4429), done.						
remote: Updated 7697 paths from 209f505							
remote: Compre	essing source files done.						
remote: Buildi	ng source:						
remote:							
remote:>	Building on the Heroku-22 stack						
remote:>	Determining which buildpack to use for this app						
remote:>	• Python app detected						
remote:>	Using Python version specified in runtime.txt						
- cillo Con							
remote: !	Requested runtime 'Python-3.9.9' is not available for this st						
(heroku-22).							
remote: :							
remote: !	For a list of the supported Python versions, see:						
remote: ! remote: !	For a list of the supported Python versions, see: https://devcenter.heroku.com/articles/python-support#supporte						
remote: ! remote: ! ntimes	For a list of the supported Python versions, see: https://devcenter.heroku.com/articles/python-support#supporte						
remote: ! remote: ! ntimes remote: !	For a list of the supported Python versions, see: https://devcenter.heroku.com/articles/python-support#supporte						
remote: ! remote: ! ntimes remote: ! remote: !	For a list of the supported Python versions, see: https://devcenter.heroku.com/articles/python-support#supporte Push rejected, failed to compile Python app.						
remote: ! remote: ! ntimes remote: ! remote: ! remote: !	For a list of the supported Python versions, see: https://devcenter.heroku.com/articles/python-support#supporte Push rejected, failed to compile Python app.						
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remote: ! remote: ! ntimes remote: ! remote: ! remote: ! remote: ! remote: ! remote: ! remote: ! remote: !	For a list of the supported Python versions, see: https://devcenter.heroku.com/articles/python-support#supporte Push rejected, failed to compile Python app. Push failed ring deploy Push rejected to cryptic-chamber-84584.						
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remote: ! remote: ! ntimes remote: ! remote: ! remote: ! remote: ! remote: ! remote: ! remote: ! sremote: ! To https://git	For a list of the supported Python versions, see: https://devcenter.heroku.com/articles/python-support#supporte Push rejected, failed to compile Python app. Push failed ring deploy Push rejected to cryptic-chamber-84584. :.heroku.com/cryptic-chamber-84584.git ected] main -> main (pre-receive hook declined)						
remote: ! remote: ! ntimes remote: ! remote: ! remote: ! remote: ! remote: Verify remote: ! remote: ! sremote: ! fremote: ! fremote: ! remote: ! remote: ! remote: ! remote: !	For a list of the supported Python versions, see: https://devcenter.heroku.com/articles/python-support#supporte Push rejected, failed to compile Python app. Push failed ring deploy Push rejected to cryptic-chamber-84584. c.heroku.com/cryptic-chamber-84584.git jected] main -> main (pre-receive hook declined) to push some refs to 'https://git.heroku.com/cryptic-chamber-8						
remote: ! remote: ! remote: ! ntimes remote: ! remote: ! remote: ! remote: Verify remote: remote: ! sremote: ! sremote: ! for https://git ! [remote rej error: failed .git'	For a list of the supported Python versions, see: https://devcenter.heroku.com/articles/python-support#supporte Push rejected, failed to compile Python app. Push failed ring deploy Push rejected to cryptic-chamber-84584. :.heroku.com/cryptic-chamber-84584.git jected] main -> main (pre-receive hook declined) to push some refs to 'https://git.heroku.com/cryptic-chamber-8						
remote: ! remote: ! remote: ! remote: ! remote: ! remote: ! remote: ! remote: Verify remote: remote: ! remote: rej error: failed .git'	For a list of the supported Python versions, see: https://devcenter.heroku.com/articles/python-support#supporte Push rejected, failed to compile Python app. Push failed ring deploy Push rejected to cryptic-chamber-84584. c.heroku.com/cryptic-chamber-84584.git jected] main -> main (pre-receive hook declined) to push some refs to 'https://git.heroku.com/cryptic-chamber-8						
remote: ! remote: ! remote: ! remote: ! remote: ! remote: ! remote: ! remote: Verify remote: remote: ! remote: ! ! remote: rej error: failed git' (env) remote: !	For a list of the supported Python versions, see: https://devcenter.heroku.com/articles/python-support#supporte Push rejected, failed to compile Python app. Push failed ring deploy Push rejected to cryptic-chamber-84584. :.heroku.com/cryptic-chamber-84584.git jected] main -> main (pre-receive hook declined) to push some refs to 'https://git.heroku.com/cryptic-chamber-8						
remote: ! remote: ! remote: ! remote: ! remote: ! remote: ! remote: ! remote: Verify remote: ! remote: ! ! [remote rej error: failed git' (main) for contents ! !	For a list of the supported Python versions, see: https://devcenter.heroku.com/articles/python-support#supporte Push rejected, failed to compile Python app. Push failed ring deploy Push rejected to cryptic-chamber-84584. :.heroku.com/cryptic-chamber-84584.git jected] main -> main (pre-receive hook declined) to push some refs to 'https://git.heroku.com/cryptic-chamber-8						
remote: ! remote: ! ! [remote rej error: failed git' (env) <b>k</b> .	For a list of the supported Python versions, see: https://devcenter.heroku.com/articles/python-support#supporte Push rejected, failed to compile Python app. Push failed ring deploy Push rejected to cryptic-chamber-84584. :.heroku.com/cryptic-chamber-84584.git jected] main -> main (pre-receive hook declined) to push some refs to 'https://git.heroku.com/cryptic-chamber-8 NINGW64 ~/OneDrive/Desktop/LEARNING DJANGO PROJECTS/Carzone-Pro						

To correct this, update your RUNTIME.TXT and make  $\ensuremath{\mathsf{Python}}$  to small letters.

#### FROM:





Update your REQUIREMENTS.TXT to make sure that you have the newly installed packages added (DJ\_DJANGO\_URL,WHITENOISE,GUNICORN,PSYCOPG2-BINARY)

11. Use GIT codes to push our changes to HEROKU SERVER. However, you will still encounter errors.

(env)
Rosilie@DELL MINGW64 ~/OneDrive/Desktop/LEARNING DJANGO PROJECTS/Carzone-Project (
\$ pip freeze > requirements.txt
(env)
Rosilie@DELL MINGW64 ~/OneDrive/Desktop/LEARNING DJANGO PROJECTS/Carzone-Project
(main)
\$ git add -A
(env)
Rosilie@DELL MINGW64 ~/OneDrive/Desktop/LEARNING DJANGO PROJECTS/Carzone-Project
\$ ait commit -m "Corrected Runtime file"
main 6h124141 Corrected Runtime file
1 file changed, 1 insertion(+), 1 deletion(-)
(env)
Rosilie@DELL MINGW64 ~/OneDrive/Desktop/LEARNING DJANGO PROJECTS/Carzone-Project
(main)
a gir push neroku main
Counting objects: 100% (13066/13066) done
Countring objection using up to 8 threads
Compressing objects: 100% (10308/10308) done
Writing objects: 100% (13966/13966) 26 13 MiR   2 51 MiR/s done
Total 13066 (dalta 4/28) reused 7280 (dalta 2023) nach reused $0$
remote: Pesolving deltas: 10% (428) (428) done
remote. Undated 7697 naths from 0666527
remote: Compressing source files done
remote: Building source:
remote:
remote:> Building on the Heroku-22 stack
remote:> Determining which buildpack to use for this app
remote:> Pvthon app detected
remote:> Using Python version specified in runtime.txt
remote: !

## 1 72°F

remote:		
remote:	1	Error while running '\$ python manage.py collectstaticnoinput'.
remote:		See traceback above for details.
remote:		
remote:		You may need to update application code to resolve this error.
remote:		Or, you can disable collectstatic for this application:
remote:		
remote:		<pre>\$ heroku config:set DISABLE_COLLECTSTATIC=1</pre>
remote:		
remote:		https://devcenter.heroku.com/articles/django-assets
remote:	1	Push rejected, failed to compile Python app.
remote:		
remote:	1	Push failed
remote:	Verifyi	ng deploy
remote:		
remote:	1	Push rejected to cryptic-chamber-84584.
remote:		
To https	s://git.	heroku.com/cryptic-chamber-84584.git
! [remo	ote reje	<pre>:cted] main -&gt; main (pre-receive hook declined)</pre>
error: f	failed t	o push some refs to 'https://git.heroku.com/cryptic-chamber-84584
(env)		
Rosilie	ADELL MI	NGW64 ~/OneDrive/Desktop/LEARNING DJANGO PROJECTS/Carzone-Project

.

This error was caused by the misspell you have on : We need to PUSH OUR CHANGES TO HEROKU SERVER AGAIN



∢			$\leftarrow \rightarrow$		م	Carzone-Project		
	EXPLORER		🍨 settings.py M 🗙	🔹 urls.py contacts	🔹 views.py contacts	models.py contacts	admin.py accounts	s on
<b>~</b>	✓ CARZONE-PROJECT	ធ្រុខគ្	carzone > 💠 setting	s.py >				
	<pre>CARZONE-PROJECT &gt; accounts &gt; cars ~ carzone &gt; _pycache &gt; static @ _initpy @ asgi.py @ settings.py @ urls.py @ urls.py @ urls.py &gt; contacts &gt; env &gt; media</pre>	E∓ ひ @ … ●	carzone > ● setting: 194 EMAIL 195 EMAIL 196 EMAIL 197 EMAIL 198 EMAIL 199 200 #·Whi 201 STATI 202	s.py > _HOST = 'smtp _PORT = 587 _HOST_USER = _HOST_PASSWOR → MINGW64:/c/U remote: Verifyi remote: 1 remote:	<pre>&gt;.gmail.com' 'rosy61625@gmai D = 'xmkamjunbs Jsers/Rosilie/OneDrive/De ng deploy Push rejected to co heroku.com/cryptic-o cted] main -&gt; main o o push some refs to</pre>	il.com' sjvvipt' esktop/LEARNING DJANGC ryptic-chamber-84584 chamber-84584.git (pre-receive hook de 'https://git.heroku	> STATIC > PROJEC clined) .com/cryptic-cham	Aa
	<ul> <li>media</li> <li>pages</li> <li>photos</li> <li>Resources</li> <li>static</li> <li>templates</li> <li>.gitignore</li> <li>carzone_db</li> <li>db.sqlite3</li> <li>manage.py</li> <li>Procfile</li> <li>project_dump.json</li> <li>requirements.txt</li> <li>runtime.txt</li> </ul>			<pre>(env) Rosilie@DELL MI \$ ^C (env) Rosilie@DELL MI \$ git status On branch main Your branch is (use "git pus Changes not sta (use "git add (use "git res modifie no changes adde (env) Rosilie@DELL MI (main) \$ git add -A (env) Rosilie@DELL MI (main) \$ git commit -m [main d13b02d] of 1 file changed (env) Rosilie@DELL MI (main) \$ git push hero Enumerating obj Counting object Delta compressi</pre>	NGW64 ~/OneDrive/Des ahead of 'origin/ma h" to publish your' ged for commit: <file>" to updat tore <file>" to updat tore <file>" to des d: carzone/setting d to commit (use "g' NGW64 ~/OneDrive/Des "Corrected Whitenois , 1 insertion(+), 1 NGW64 ~/OneDrive/Des ku main ects: 13970, done. s: 100% (13970/13970 on using up to 8 thm</file></file></file>	sktop/LEARNING DJANG sktop/LEARNING DJANG in' by 4 commits. local commits) te what will be comm discard changes in w gs.py it add" and/or "git sktop/LEARNING DJANG sktop/LEARNING DJANG ise for StaticFiles e for StaticFiles St deletion(-) sktop/LEARNING DJANG 0), done. reads	0 PROJECTS/Carzon 0 PROJECTS/Car zon itted) orking director commit -a") 0 PROJECTS/Car zon 0 PROJECTS/Car zon Storage" 0 PROJECTS/Car zon	ne-Projec ne-Projec ne-Projec
			PROBLEMS OUTPUT	Writing obj path: project_dum	ects: 100% (10402/10 : 47% (6655/13970) p.json:588	0402), done. , 13.30 MiB   2.31 M	iB/s	

12. Modifications made:

13. We encountered CONNECTION REFUSED ERROR,

🚸 MING	W64:/c/Users/Rosilie/OneDrive/Desktop/LEARNING DJANGO PROJECTS/Carzone-Project
remote: remote: remote: remote: remote: remote: remote: remote:	return func(*args, **kwargs) File "/app/.heroku/python/lib/python3.9/site-packages/django/db/backends/postgresql/base.py", line 275, in get_new_connection connection = self.Database.connect(**conn_params) File "/app/.heroku/python/lib/python3.9/site-packages/psycopg2/initpy", line 122, in connect conn = _connect(dsn, connection_factory=connection_factory, **kwasync) psycopg2.OperationalError: connection to server at "localhost" (127.0.0.1), port 5434 failed: Connection refused Is the server running on that host and accepting TCP/IP connections?
remote: remote:	The above exception was the direct cause of the following exception:
remote:	Traceback (most recent call last):
remote:	main()
remote: remote:	File "/app/manage.py", line 17, in main execute from command line(svs.argv)
remote:	File "/app/.heroku/python/lib/python3.9/site-packages/django/core/management/_initpy", line 442, in execute_from_command_line
remote: remote:	utility.execute() File "/app/.heroku/python/lib/python3.9/site-packages/django/core/management/initpy", line 436, in execute
remote:	self.fetch_command(subcommand).run_from_argv(self.argv) File "/app/.beroku/python/lib/python3.9/site-packages/diango/core/management/base.py", line 412, in run from argy
remote:	self.execute(*args, **cmd_options)
remote: remote:	File "/app/.heroku/python/lib/python3.9/site-packages/django/core/management/base.py", line 458, in execute output = self.handle(*args, **options)
remote:	File "/app/.heroku/python/lib/python3.9/site-packages/django/core/management/base.py", line 106, in wrapper res = handle func(*aros, **kwaros)
remote:	File "/app/.heroku/python/lib/python3.9/site-packages/django/core/management/commands/migrate.py", line 117, in handle
remote: remote:	executor = MigrationExecutor(connection, self.migration_progress_callback) File "/app/.heroku/python/lib/python3.9/site-packages/django/db/migrations/executor.py", line 18, ininit
remote:	self.loader = MigrationLoader(self.connection) File "/ann/ heroku/nython/lih/nython3_0/site-packages/diango/dh/migrations/loader_ny" line 58_ininit
remote:	self.build_graph()
remote: remote:	File "/app/.heroku/python/lib/python3.9/site-packages/django/db/migrations/loader.py", line 235, in build_graph self.applied_migrations = recorder.applied_migrations()
remote:	File "/app/.heroku/python/lib/python3.9/site-packages/django/db/migrations/recorder.py", line 81, in applied_migrations
remote:	File "/app/.heroku/python/lib/python3.9/site-packages/django/db/migrations/recorder.py", line 57, in has_table
remote:	with self.connection.cursor() as cursor: File "/app/.heroku/python/lib/python3.9/site-packages/diango/utils/asyncio.py", line 26, in inner
remote:	return func(*args, **kwargs)
remote: remote:	File "/app/.heroku/python/lib/python3.9/site-packages/django/db/backends/base/base.py", line 330, in cursor return selfcursor()
remote:	File "/app/.heroku/python/lib/python3.9/site-packages/django/db/backends/base/base.py", line 306, in _cursor
remote:	File "/app/.heroku/python/lib/python3.9/site-packages/django/utils/asyncio.py", line 26, in inner
remote: remote:	return func("args, *"kwargs) File "/app/.heroku/python/lib/python3.9/site-packages/django/db/backends/base/base.py", line 289, in ensure_connection
remote:	self.connect()
remote:	raise dj_exc_value.with_traceback(traceback) from exc_value
remote: remote:	File "/app/.heroku/python/lib/python3.9/site-packages/django/db/backends/base/base.py", line 289, in ensure_connection self.connect()
remote:	File "/app/.heroku/python/lib/python3.9/site-packages/django/utils/asyncio.py", line 26, in inner
remote:	File "/app/.heroku/python/lib/python3.9/site-packages/django/db/backends/base/base.py", line 270, in connect
remote: remote:	self.connection = self.get_new_connection(conn_params) File "/app/.heroku/python/lib/python3.9/site-packages/diango/utils/asyncio.py", line 26. in inner
remote:	return func(*args, **kwargs)
remote: remote:	connection = self.Database.connect(**conn_params)
remote:	File "/app/.heroku/python/lib/python3.9/site-packages/psycopg2/initpy", line 122, in connect
remote:	django.db.utils.OperationalError: connection to server at "localhost" (127.0.0.1), port 5434 failed: Connection refused
remote:	is the server running on that nost and accepting TCP/IP connections?
remote: To https 83658	Waiting for release failed. s://git.heroku.com/cryptic-chamber-84584.git 3a78003284 main -> main
We insta	II the the HEROKU POSTGRES ADDON

heroku addons:create heroku-postgresql

0000204

0000000/

Rosilie@DELL MINGW64 ~/OneDrive/Desktop/LEARNING DJANGO PROJECTS/Carzone-Project \$ heroku addons:create heroku-postgresql
Creating heroku update available from 7.33.0 to 9.0.0. Creating heroku-postgresql on cryptic-chamber-84584 \$5/month Database should be available soon postgresql-concave-33114 is being created in the background. The app will restar t when complete
Use heroku addons:info postgresql-concave-33114 to check creation progress Use heroku addons:docs heroku-postgresql to view documentation
<pre>(env) Rosilie@DELL MINGW64 ~/OneDrive/Desktop/LEARNING DJANGO PROJECTS/Carzone-Project (main)</pre>

14. After the POSTGRES ADD-ON code was run we take the Database Info and its DATABASE\_URL

1	(main)					
	\$ neroku pg:1nto					
	» Warning: heroku (	update available from 7.53.0 to 9.0.0.				
	=== HEROKU_POSTGRESQL	_AQUA_URL				
	Plan:	essential-0				
w	Status:	Available				
1	Connections:	unknown/20				
_	PG Version:	16.2				
	Created:	2024-07-27 18:09				
	Data Size:	unknown usage / 1 GB (In compliance)				
1	Tables:	0/4000 (In compliance)				
	Fork/Follow:	Unsupported				
1	Rollback:	Unsupported				
	Continuous Protection	: Off				
h	Add-on:	postgresgl-concave-33114				
		posegi esql' concare ssiri				
	(env)					
Rosilie@DELL_MINGW64 ~/OneDrive/Deskton/LEARNING_DIANGO_PROJECTS/Carzo						
	(main)	Jonesi Weybeskespy Eenkiling Sando Phoseerby ear Esne Proj				
	\$ heroku config:get D	ATABASE UP				
» Warning: heroku update available from 7.53.0 to 9.0.0. postgres://postgres:@localhost:5434/carzone_db						
						(On-Derive (Deelster / FARNING DRANCO, DROBECTE (Compare, Dreed
					ROSTITE@DELL MINGW64	<pre>~/UneDrive/Desktop/LEARNING DJANGU PROJECTS/Carzone-Proj</pre>
	(main)					
U	15 :					

The hidden block is your database password.

#### UPDATED: All the screenshots here are from the first app that was causing the error.

We redo our deployment by creating a new one from heroku CLI.

1. Create a new heroku app (this can be done using the browser too):



2. We need to have a HEROKU ADD-ON: POSTGRES, Since we had deleted our first app, heroku by default it pointing to this, so we issued explicitly the app's name,



3. To see the creation of his new add-on, we issue:

(env) Rosilie@DELL MINGW64 ~/OneDrive/Desktop/LEARNING DJANGO PROJECTS/Carzone-Projec
<pre>\$ heroku addons:info postgresql-round-47191app lit-cliffs-98316 === postgresql-round-47191</pre>
Attachments: lit-cliffs-98316::DATABASE Installed at: Mon Jul 29 2024 19:28:53 GMT-0500 (Central Daylight Time) Max Price: \$5/month Owning app: lit-cliffs-98316 Plan: heroku-postgresql:essential-0 Price: ~\$0.007/hour State: created (env)

4. Now, we need to update our SETTINGS.PY, so that it has the DATABASES credential:



The hidden block is your database password.

5. You need to push your files/folder to HEROKU MAIN, we issue the command 'GIT PUSH HEROKU MAIN' but this is causing as an error because of the destroyed app.

GIT REMOTE REMOVE HEROKU (to remove the remote link to our old app)

HEROKU GIT: REMOTE -A LIT-CLIFFS-98316 ( to connect to our new app)



6. UNFORTUNATELY, WE STOPPED BECAUSE HEROKU CANT SEEM TO IGNORE ALL MISSING BOOTSTRAP FILES. I tried to copy the the missing files from the Bootstrap website. but the error messages persist. We will work on deploying to Heroku again in the future.

UPDATE: Almost a week since my lat HEROKU SERVER PUSH, I ran my server again and get this message:



I used AI Copilot to give me solutions and gave this:

#### 🧊 Copilot

Thanks for sharing your MIDDLEWARE settings. Everything looks correctly configured for Heroku deployment with WhiteNoise.

Here are a few additional steps to try:

- 1. Ensure All Static Files Are Present: Double-check that all necessary static files, including js/bootstrapselect.js.map, are in your carzone/static directory.
- 2. Create an Empty Map File: If the .map file is not essential, create an empty js/bootstrap-select.js.map file in your carzone/static/js directory to bypass the error.
- Check File Paths: Verify that the paths in your js/bootstrap-select.min.js file are correct and point to the right locations.
- 4. Run Collectstatic Locally: Try running the collectstatic command locally to see if the issue persists. This can help identify if the problem is specific to the Heroku environment.

\$ python manage.py collectstatic --noinput

 Update Bootstrap Select: Consider updating the Bootstrap Select library to the latest version to ensure all files are included.

6. Review Heroku Logs:

Instead of writing an empty file of bootstrap-select.js.map, I searched for the file and copied it to CARZONE\STATIC\JS and push my changes again. Luckily, I get my migrations to run! Yahoo!

remote: ?: (ckeditor.W001) django-ckeditor bundles CKEditor 4.22.1 which isn't supported anmyore and which does have unfixed security issues, see for example http	os:/
tor (maybe CKEditor 5 respectively django-ckeditor-5 after checking whether the CKEditor 5 license terms work for you) or switch to the non-free CKEditor 4 LTS pa	icka
e django-ckeditor developers and we are not affiliated with CKSource and were not involved in the licensing change, so please refrain from complaining to us. Than	ıks.
remote: cars.Car: (models.WO42) Auto-created primary key used when not defining a primary key type, by default 'django.db.models.AutoField'.	
remote: HINT: Configure the DEFAULT_AUTO_FIELD setting or the CarsConfig.default_auto_field attribute to point to a subclass of AutoField, e.g. 'django.dl	o.mo
remote: Operations to perform:	
remote: Apply all migrations: account, admin, auth, cars, contacts, contenttypes, pages, sessions, sites, socialaccount	
remote: Running migrations:	
remote: Applying contenttypes.0001_initial 0K	
remote: Applying auth.0001_initial OK	
remote: Applying account.0001_initialOK	
remote: Applying account.0002_email_max_length OK	
remote: Applying account.0003_alter_emailaddress_create_unique_verified_email OK	
remote: Applying account.0004_alter_emailaddress_drop_unique_email OK	
remote: Applying account.0005_emailaddress_idx_upper_email OK	
remote: Applying account.0006_emailaddress_lower OK	
remote: Applying account.0007_emailaddress_idx_email OK	
remote: Applying account.0008_emailaddress_unique_primary_email_fixup OK	
remote: Applying account.0009_emailaddress_unique_primary_email OK	
remote: Applying admin.0001_initial OK	
remote: Applying admin.0002_logentry_remove_auto_add OK	
remote: Applying admin.0003_logentry_add_action_flag_choices 0K	
remote: Applying contenttypes.0002_remove_content_type_name OK	
remote: Applying auth.0002_alter_permission_name_max_length OK	
remote: Applying auth.0003_alter_user_email_max_length OK	
remote: Applying auth.0004_alter_user_username_opts OK	
remote: Applying auth.0005_alter_user_last_login_null OK	
remote: Applying auth.0006_require_contenttypes_0002 OK	
remote: Applying auth.0007_alter_validators_add_error_messages OK	
remote: Applying auth.0008_alter_user_username_max_length OK	
remote: Applying auth.0009_alter_user_last_name_max_length OK	
remote: Applying auth.0010_alter_group_name_max_length OK	
remote: Applying auth.0011_update_proxy_permissions OK	
remote: Applying auth.0012_alter_user_first_name_max_length OK	
remote: Applying cars.0001_initial OK	
remote: Applying cars.0002_auto_20240714_1734 OK	
remote: Applying cars.0003_alter_car_description_alter_car_features OK	
remote: Applying contacts.0001_initial 0K	
remote: Applying pages.0001_initial OK	
remote: Applying pages.0002_rename_teams_team 0K	
remote: Applying pages.0003_rename_google_plus_link_team_linkedin_link OK	
remote: Applying pages.0004_auto_20240714_1725 OK	
remote: Applying pages.0005_alter_team_id OK	
remote: Applying sessions.0001_initial OK	
remote: Applying sites.0001_initial OK	
remote: Applying sites.0002_alter_domain_unique OK	
remote: Applying socialaccount.0001_initial OK	
remote: Applying socialaccount.0002_token_max_lengths OK	
remote: Applying socialaccount.0003_extra_data_default_dict OK	
remote: Applying socialaccount.0004_app_provider_id_settings OK	
remote: Applying socialaccount.0005_socialtoken_nullable_app OK	
remote: Applying socialaccount.0006_alter_socialaccount_extra_data OK	
remote: Waiting for release done.	
To https://git.heroku.com/lit-cliffs-98316.git	
* [new branch] main -> main	
(env)	
Rosilie@DELL MINGw64 ~/OneDrive/Desktop/LEARNING DJANGO PROJECTS/Carzone-Project (main)	
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