

DEPLOYMENT ON HEROKU



Name: Jose Vicente Solorzano

Batch code: LISUM04

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Introduction

The main goal of this assignment is to deploy the ML model created last week, API and web app based.

Heroku

The process I followed was the following:

- 1) Sign up in Heroku and created an account to use their services.
- 2) Create a "Procfile" file, with no extension. In the file is the following command:



```
web: gunicorn main:app
```

 **Procfile**

We are specifying that we want to use web process through gunicorn, and the name of the app ("main").

- 3) Initialize a git repository from the terminal (git init), and then to upload all our files, or if we make any change... we use the commands add and commit as we already learnt before.
- 4) Create the app in Heroku "heroku create sales-forecasting-jvs --buildpack heroku/python".

 sales-forecasting-jvs Python • heroku-20 • United States ☆

- 5) Finally, push the app to Heroku:

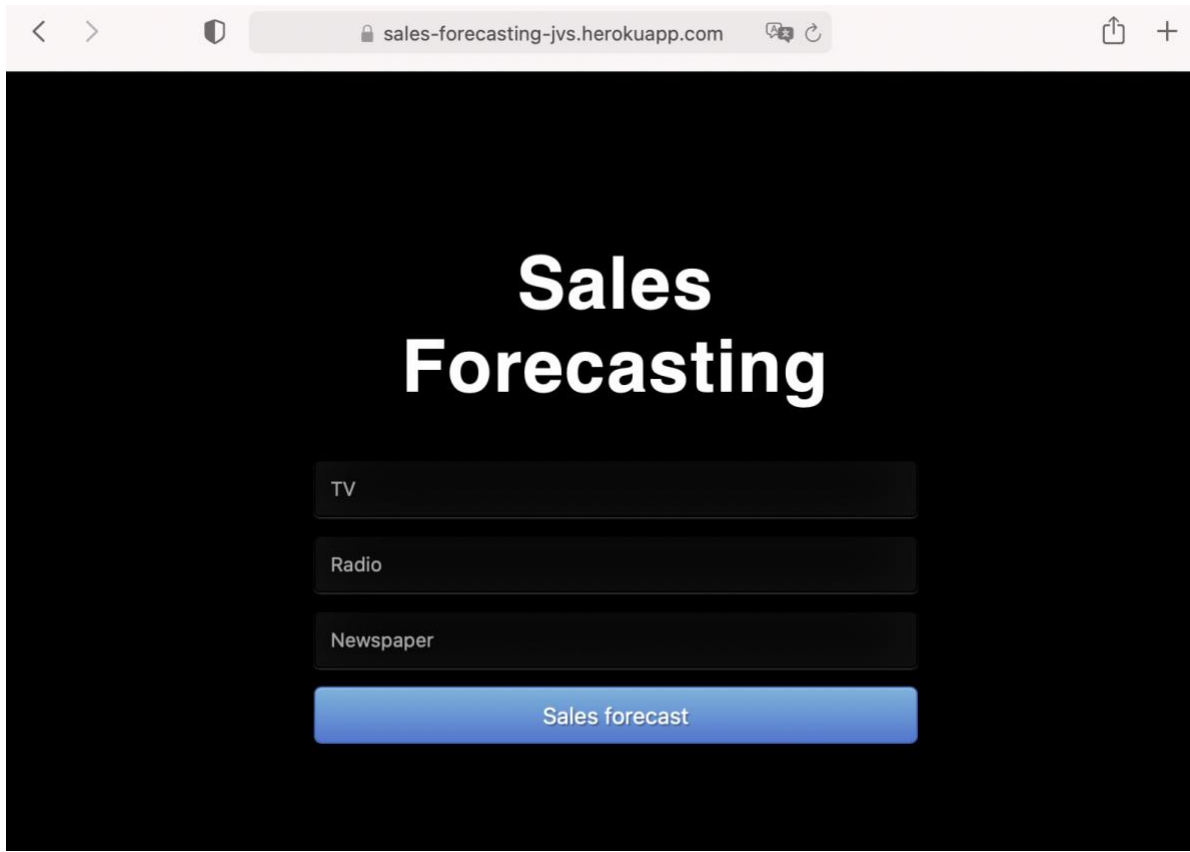
```

create mode 100644 salesenv/lib/python3.8/site-packages/.DS_Store
(base) vicentesolorzano@Vicentes-MacBook-Air WEEK_5_HEROKU_DEPLOYMENT % heroku c
onfig:set SLUGIFY_USES_TEXT_UNIDECODING=yes
Setting SLUGIFY_USES_TEXT_UNIDECODING and restarting ● sales-forecasting-jvs... do
ne, v7
SLUGIFY_USES_TEXT_UNIDECODING: yes
(base) vicentesolorzano@Vicentes-MacBook-Air WEEK_5_HEROKU_DEPLOYMENT % heroku c
onfig:set AIRFLOW_GPL_UNIDECODING=yes
Setting AIRFLOW_GPL_UNIDECODING and restarting ● sales-forecasting-jvs... done, v7
AIRFLOW_GPL_UNIDECODING: yes
(base) vicentesolorzano@Vicentes-MacBook-Air WEEK_5_HEROKU_DEPLOYMENT % git conf
ig http.postBuffer 524288000
(base) vicentesolorzano@Vicentes-MacBook-Air WEEK_5_HEROKU_DEPLOYMENT % heroku c
onfig
=== sales-forecasting-jvs Config Vars
AIRFLOW_GPL_UNIDECODING: yes
SLUGIFY_USES_TEXT_UNIDECODING: yes
(base) vicentesolorzano@Vicentes-MacBook-Air WEEK_5_HEROKU_DEPLOYMENT % git push
heroku master

```

6) The webpage of the app is: <https://sales-forecasting-jvs.herokuapp.com/>

Visualization



The image shows a web browser window with the address bar displaying "sales-forecasting-jvs.herokuapp.com". The page has a black background with the title "Sales Forecasting" in large white text. Below the title are three dark gray input fields containing the text "TV", "Radio", and "Newspaper". At the bottom is a blue button with the text "Sales forecast".

< > sales-forecasting-jvs.herokuapp.com

Sales Forecasting

TV

Radio

Newspaper

Sales forecast

Sales Forecasting

300

90

40

Sales forecast

Sales should be \$ 30.46