

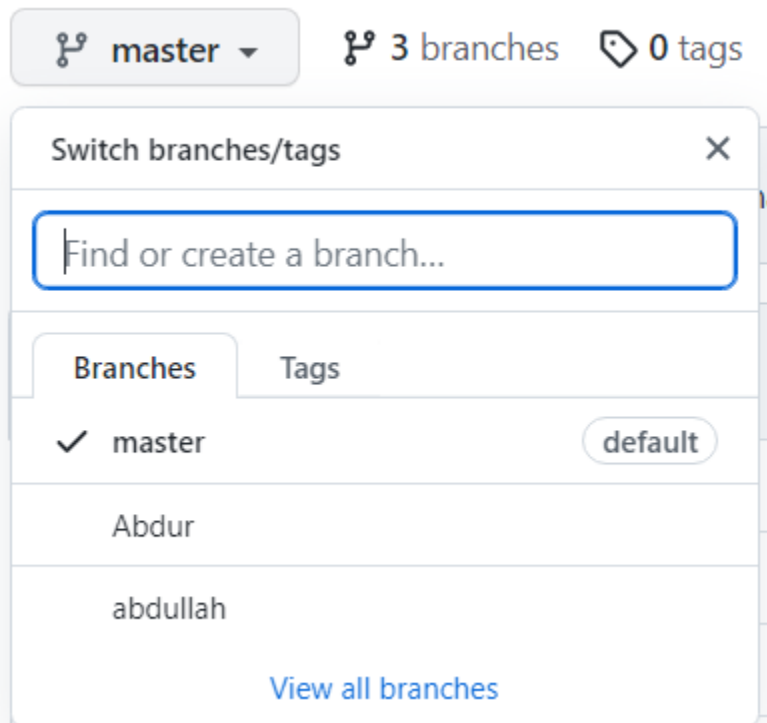
MLOPS Assignment 1 Report

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We scaffolded the following repository - <https://github.com/naveen-chauhan/Supermart-Sales-Prediction>

Division into branches:



Added Pylint and other dependencies:

 master [i191694_i191911_Supermart-Sales-Prediction](#) / [.github](#) / [workflows](#) / [linter.yaml](#)

 Abdurrrr Update linter.yaml ✓

 1 contributor

19 lines (18 sloc) | 464 Bytes

```
1 name: Python Linting
2 on: push
3
4 jobs:
5   build:
6     runs-on: ubuntu-latest
7     steps:
8       - uses: actions/checkout@v2
9       - name: Set up Python 3.12
10         uses: actions/setup-python@v2
11         with:
12           python-version: 3.12.0-alpha.5
13       - name: Install dependencies
14         run: |
15           python -m pip install --upgrade pip
16           pip install pylint
17       - name: Lint with Pylint
18         run: |
19           find . -name '*.py' -exec pylint {} \;
```

CodeQL in Workflow:

 master [i191694_i191911_Supermart-Sales-Prediction](#) / [.github](#) / [workflows](#) / [CodeQL.yml](#)

 Abdurrrr Create CodeQL.yml ✓

 1 contributor

39 lines (33 sloc) | 781 Bytes

```
1 name: "CodeQL"
2
3 on:
4   push:
5     branches: [ "Abdur" ]
6   pull_request:
7     branches: [ "Abdur" ]
8   schedule:
9     - cron: '25 23 * * 4'
10
11 jobs:
12   analyze:
13     name: Analyze
14     runs-on: ubuntu-latest
15     permissions:
16       actions: read
17       contents: read
18       security-events: write
19
20     strategy:
21       fail-fast: false
```

Made appropriate edits to the code:

```
BIG-MART+SALES+PREDICTION.ipynb
1191694_i191911_Supermart-Sales-Prediction > Python_Code > BIG-MART+SALES+PREDICTION.ipynb > train.shape
+ Code + Markdown | ▶ Run All | Clear All Outputs | Restart | Variables | Outline | ... mlops (Python 3.10.10)
```

```
(1) import pandas as pd
import numpy as np
import matplotlib.pyplot as plt
%matplotlib inline
import seaborn as sns

Python
```

```
(2) train=pd.read_csv(r'../dataset/Train.csv')

Python
```

```
(3) train.head()

Python
```

	Item_Identifier	Item_Weight	Item_Fat_Content	Item_Visibility	Item_Type	Item_MRP	Outlet_Identifier	Outlet_Establishment_Year	Outlet_Size	Outlet_Location_Type	Outlet_Type	Item_Outlet_Sales
0	FDA15	9.30	Low Fat	0.016047	Dairy	249.8092	OUT049	1999	Medium	Tier 1	Supermarket Type1	3735.1380
1	DRC01	5.92	Regular	0.019278	Soft Drinks	48.2692	OUT018	2009	Medium	Tier 3	Supermarket Type2	443.4228
2	FDN15	17.50	Low Fat	0.016760	Meat	141.6180	OUT049	1999	Medium	Tier 1	Supermarket Type1	2097.2700
3	FDX07	19.20	Regular	0.000000	Fruits and Vegetables	182.0950	OUT010	1998	NaN	Tier 3	Grocery Store	732.3800
4	NCD19	8.93	Low Fat	0.000000	Household	53.8614	OUT013	1987	High	Tier 3	Supermarket Type1	994.7052

```
train.shape

Python
```

```
(4) (8523, 12)
```

```
(5) test=pd.read_csv(r'../dataset/Test.csv')

Python
```

```
(6) test.head()

Python
```

	Item_Identifier	Item_Weight	Item_Fat_Content	Item_Visibility	Item_Type	Item_MRP	Outlet_Identifier	Outlet_Establishment_Year	Outlet_Size	Outlet_Location_Type	Outlet_Type
0	FDW58	20.750	Low Fat	0.007565	Snack Foods	107.8622	OUT049	1999	Medium	Tier 1	Supermarket Type1
1	FDW14	8.300	reg	0.038428	Dairy	87.3198	OUT017	2007	NaN	Tier 2	Supermarket Type1

Successfully run checks

Abdurrrr / i191694_i191911_Supermart-Sales-Prediction Public
forked from naveen-chauhan/Supermart-Sales-Prediction

<> Code | Pull requests | Actions | Projects | Wiki | Security | Insights

master 3 branches 0 tags Go to file Add file <> Code

This branch is 24 commits ahead of naveen-chauhan:master. Contribute Sync fork

Abdurrrr Create CodeQL.yml	9b0a4d6 1 hour ago	32 commits
.github/workflows		1 hour ago
Python_Code		1 hour ago
dataset		yesterday
README.md		7 months ago
requirements.txt	Added Requirements file	yesterday

All checks have passed
2 successful checks

- ✓ CodeQL / Analyze (python) (push) Successful in 1m [Details](#)
- ✓ Python Linting / build (push) Successful in 28s [Details](#)

Pull Request to the Original Author

Made changes #2

Open

Abdurrrr wants to merge 24 commits into `navies-chaudhri:master` from `Abdurrrr:master`

Conversation

Commits (24)

Checks

Files changed (11)

+29,279 -25,952

Abdurrrr commented now

Made changes to workflows.
Made changes to code to allow for relative data loading

Reviews

No reviews

Still in progress? Convert to draft

Assignees

No one assigned

Labels

None yet

Projects

None yet

Milestone

No milestone

Development

Successfully merging this pull request may close these issues

Notifications

Customize

Unsubscribe

You're receiving notifications because you authored the thread.

1 participant

Abdurrrr and others added 24 commits yesterday

test

Verified

a392159

Delete Python_Code directory

Verified

21c9949

Create test

Verified

aa667f8

Rename B2G-WMT-SALES+PREDICTION.ipynb to Python_Code/B2G-WMT-SALES+...

Verified

682de82

Rename B2G-WMT-SALES+PREDICTION.py to Python_Code/B2G-WMT-SALES+PRE...

Verified

89f9ac6

Merge pull request #1 from Abdurrrr/Abdur

Verified

71d82ae

Add Requirements file

Verified

74cace8

Create linter.yaml

Verified

8c4f891

update linter.yaml

Verified

21d82bd

update linter.yaml

Verified

677ea88

update linter.yaml

Verified

b1951c1

update and rename linter.yaml to linter.yml

Verified

271f885

update and rename linter.yaml to linter.yml

Verified

c809e42

update linter.yaml

Verified

8fc7a5e

update linter.yaml

Verified

3e386ae

update linter.yaml

Verified

c481e9f