

team13_capstone_project

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1 Team13: Capstone project of Python Bootcamp

1.1 Purpose

State the purpose of the notebook.

1.2 Methology

Quickly describe assumptions and processing steps.

1.3 Improvements

- Find a dataset that has at least 2 CSV files
- Come up with 5 questions that you want to answer while exploring the dataset
- Perform EDA (Exploratory Data Analysis) on your dataset with basic visualisations

1.4 Results

1.5 Setup

```
[3]: # install system dependencies
import os

!conda install -c conda-forge --yes pandas jupyterthemes seaborn
↪jupyter_contrib_nbextensions pandoc
```

```
Collecting package metadata (current_repodata.json): done
```

```
Solving environment: done
```

```
# All requested packages already installed.
```

1.5.1 Library Import

```
[7]: # load libraries and setup environment
import pandas as pd
import numpy as np
import matplotlib.pyplot as plt
import seaborn as sns
from jupyterthemes import jtplot
```

```
jtpplot.style(theme='monokai', context='notebook', ticks=True, grid=False)
```

1.6 Parameter definition

We set all relevant parameters for our notebook. By convention, parameters are uppercase, while all the other variables follow Python's guidelines.

1.7 Data import

We retrieve all the required data for the analysis.

1.8 Data processing

Put here the core of the notebook. Feel free to further split this section into subsections.

1.9 References