team13_capstone_project

June 1, 2020

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 TODO / 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 (Exploratoty 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
```

```
jtplot.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 di further split this section into subsections.

1.9 References

- data for the cost of living
- base data for countries of the world
- data for life expectancy from the WHO
- roshansharma_europe-datasets