Branch: master machine-learning / projects / titanic_survival_exploration / Create new file Upload files Find file History

Jared Weed Hotfix project questions ... Latest commit 4eafc0f 10 days ago

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README.md	Hotfix project questions	10 days ago
Titanic_Survival_Exploration.ipynb	langauge: then should be than	2 months ago
titanic_data.csv	Add Project 0	5 months ago
titanic_visualizations.py	Update code to remove NaN values	4 months ago

README.md

Project 0: Introduction and Fundamentals

Titanic Survival Exploration

Install

This project requires **Python 2.7** and the following Python libraries installed:

- NumPy
- Pandas
- matplotlib
- scikit-learn

You will also need to have software installed to run and execute an iPython Notebook

Udacity recommends our students install Anaconda, a pre-packaged Python distribution that contains all of the necessary libraries and software for this project.

Code

Template code is provided in the notebook `titanic_survival_exploration.ipynb` notebook file. Additional supporting code can be found in `titanic_visualizations.py` . While some code has already been implemented to get you started, you will need to implement additional functionality when requested to successfully complete the project.

Run

In a terminal or command window, navigate to the top-level project directory `titanic_survival_exploration/` (that contains this README) and run **one** of the following commands:

```
jupyter notebook titanic_survival_exploration.ipynb
```

or

```
ipython notebook titanic_survival_exploration.ipynb
```

This will open the iPython Notebook software and project file in your web browser.

Data

The dataset used in this project is included as `titanic_data.csv`. This dataset is provided by Udacity and contains the following attributes:

- `survival` : Survival (0 = No; 1 = Yes)
- `pclass` : Passenger Class (1 = 1st; 2 = 2nd; 3 = 3rd)
- `name` : Name
- `sex` : Sex
- `age` : Age
- `sibsp` : Number of Siblings/Spouses Aboard
- `parch` : Number of Parents/Children Aboard
- `ticket` : Ticket Number
- `fare` : Passenger Fare
- `cabin` : Cabin
- `embarked` : Port of Embarkation (C = Cherbourg; Q = Queenstown; S = Southampton)