Manan Patel data analyst using designed thinking | https://patelmd.github.io/

mdpatel17@gmail.com
(904) 814-9856 (text only)
Linkedin.com/in/manan-p/

Professional Skills

Data manipulation and presentation with Data Science & Machine Learning with Python

- OOP and data structure basics through to object oriented programming and the built-in functions of python
- Pandas – manipulating dataframes, handling missing data, groupby/merge/join/concatenate operations and data I/O. Filtering and sorting data and creating queries to answer questions and explore relationships.
- Matplotlib, Seaborn – plotting data and customizing graphs (colors, legends, plot/axis size, facet grids, and multiple plots), experimenting with different visualization methods and tools such as Tableau and PowerBi
- Linear and logistic regression, KNN, Study of other modeling methods upcoming

Projects

Exploring historical stock data of top bank institutes during financial crisis | January 2019

- An EDA of bank stocks and see how they progressed throughout the financial crisis until 2016. Using dataset obtained through Google Finance. An exercise in understanding data analysis in finance domain. https://patelmd.github.io/EDA_Of_Stock_Prices.html

Googling for health conditions and health risks | January 2019

- How does Google search interest for top health issues change over time? Exploring specific keywords and their trends over time using Google Trends. Finding out if people are becoming more aware of the health conditions now more than before. Understanding why the gradual increase of specific health keywords. https://patelmd.github.io/Google_Health.html

US Average Health Care Coverage Cost (EDA of data from 2011) | December 2018

- Dataset obtained from the data.cms.gov website. Dataset is dated from 2011. An exploration and illustration of cost differences around the US and breaking down diagnosis cost. https://patelmd.github.io/US_Average_Healthcare_Cost.html

Cost of treatment of different patients (EDA & Regression) | November 2018

- An exploratory data analysis of dataset dedicated to cost of treatment depends on many factors. Draw a conclusion about health of patients using regression analysis and distribution charts using multiple libraries with python such as matplotlib, seaborn, pandas, numpy and visualizing data using bokeh. https://patelmd.github.io/eda.html

Suicide Rates in India between 2001-2013 | November 2018

- I recently collected data from Kaggle's published dataset. I focused on gaining interpretable insights from data. I used this dataset to understand the ethical implications in data science. I wanted to increase my awareness and understanding of whether my analysis may seemed to discriminate negatively, unintentionally. https://github.com/patelmd/IndiaSuicideAnalysis

Education

University of North Florida,
Bachelor of Science

Technical Skills & Tools

(1) Novice, (2) Intermediate, (3) Proficient

Data Structure & Algorithm (2)

Database Manipulation (2)

Cluster Computer (PySpark)

Visualization (2)

Data Munging (2)

Statistical Methods (2)

Git (2)

Jupyter/PyCharm/Atom (3)

Tableau/PowerBi (2)

Python (2)

SQL (2)

HTML/CSS (2)

Pattern & Trend Identification (2)

Data Analysis (2)

Data Science Research Methods (2)

Google Analytics (2)

Regression Analysis (2)

Certification

Data Science with Python
Weltec Institute, India
Data Science & Machine Learning with Python
Udemy, Perian Data
Django + Flask with Python
Udemy, Perian Data
SQL & Python Bootcamps
Udemy, Perian Data