

Manan Patel

A data scientist using designed thinking | patelmd.github.io

I am an ambitious, conscientious and hardworking individual capable of turning a complex analysis into a simple story so that decision makers can move forward with an appropriate action. I have an inquisitive and corrigible nature and I relish opportunities to exercise projects to help improve company's goal. Flexible, creative, resourceful, and effective in both independent and collaborative environments.

Professional Proficiencies

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

- Began with a Python Bootcamp course on Udemy – course covers object 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

Professional Experience

Larry's Giant Subs | Jacksonville, FL 2003 – 2018 | Store Manager, Shift Leader, Part-Time Management

- Provided overall management and supervision of operation of the restaurant not limited to employee managements, training, inventory management and food safety and handling
- Analyzed using Google analytics to identify various segments of customers and developed promotional strategies targeting page viewers segment to increase the customer acquisition rate

Benzer Pharmacy | Jacksonville, FL 2016 – 2018 | Business Owner, Manager, Pharmacy Technician

- Provided overall management and supervision of operation of the pharmacy not limited to supervision of pharmacist and drug handling procedures and logs
- Demonstrate a complete understanding of compliance in pharmacy by-laws, policies and prescription logs.

Projects

Finance Data Project | December 2018

- An exploratory data analysis of stock prices. Focused on bank stocks and see how they progressed throughout the financial crisis of 2007 – early 2016.
- Modified and analyzed the pre-existing data by SQL queries which was stored in PostgreSQL database. Build dashboards for visualization from the analysis made using Apache Superset and Tableau.

Teaching Data Science using Boston Housing datasets | January 2019

- I am collaborating with data scientists in the Pierian Data community to teach high school students about the data and decision science. Working with the Boston Housing dataset on Kaggle, I am using a machine learning approach that involved methods from various schools of thought to be remodeled for engineering regression techniques for high-throughput experimentation.

Suicide Rates in India between 2001-2013 | January 2019

- 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.

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Education

University of North Florida,
May 2008 | **Bachelor of
Science, Biology**

Life University, June 2012 |
Doctor of Chiropractic

New Zealand College of
Chiropractic, May 2016 |
Doctor of Chiropractic

Skills & Tools

Statistics
Linear Algebra
Calculus 1 & 2
Problem Solving
Writing & speaking for
technical & general
audiences
Project Management
Affinity Diagram
Agile Methodology
Journey Mapping
Developing Procedures
Python
HTML5, CSS
Jupyter Labs/Notebook
Machine Learning
Git/SSH
SQL, PostgreSQL, MySQL
Analytics
Research
Prioritization
Oversight
Delegation
Tableau & PowerBi

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