Sankeerth Ankam

Data Engineer

Adaptable and quick learner, excel in communication skills, strategic planning and handling people. A Machine Learning, and AI enthusiast. Progress is my driving force. Learning new things and facing new challenges is my second nature. Actively seeking Data Science/Machine Learning opportunities.

sankeerth.ankam@gmail.com

4256148076

East Palo Alto, CA

linkedin.com/in/sankeerthankam

github.com/sankeerthankam

TECHNICAL SKILLS

Programming
Python, R, Java, C, C++

Math
Statistics, Probability, Linear Algebra

Tools
Tableau, AWS, Sage Maker

WORK EXPERIENCE

Data Engineer
Facebook
04/2019 – Present

Achievements/Tasks

- Collect, manage data and maintain data from heterogenous datasources. Identify ways to improve data reliability, efficiency and quality. Collaborate with XFN teams to build dashboards for capacity and estimated projection analysis.

Data Analyst
Designer Shoe Warehouse
02/2018 – 04/2019

Achievements/Tasks

- Extracting data from Teradata, SQL Server and Oracle databases across different departments. Used statistical analysis for validating data to perform forecasting and market analysis. Create advanced Tableau visualizations for time series, geographical and sales analysis.

Business Data Analyst
Millennium Info Tech
07/2017 – 02/2018

Achievements/Tasks

- Acquire, clean and model data from multiple sources, including external and internal databases. Analyze data to create/customize models (Relational, ER, EAV etc.) to analyze/visualize important project KPIs. Predicting churn, segmenting users, defining metrics, and designing tests, design dashboards in Tableau, Power BI for sales managers.

Freelance Data Analyst
Freelancer
01/2017 – 05/2017

Achievements/Tasks

- Work closely with Business Analyst to extract sales data and help build strategies/timelines for smoother and effective extraction. Automated frequent operations (splitting large files, consolidating data from multiple sources and correcting, converting and cleaning the data). Develop dashboards in Tableau and published on daily and weekly basis.

EDUCATION

Masters in Computer Science
University of Nevada, Reno
01/2015 – 05/2017

ORGANIZATIONS

Central Ohio Python Group (Meetup) (07/2018 – Present)
Speaker

Ohio Data Visualization Group (Meetup) (09/2018 – 09/2018)
Guest Speaker

SKILLS

Statistics | Data Wrangling | Machine Learning

DATA SCIENCE PROJECTS

One Dashboard for All (08/2019 – Present)

- Provide End to End dashboards for the Backbone program (S&P, Fiber, Optical, IP); aimed at presenting planned projects across the globe.

Recommendation Engine using Movie Lens Data (01/2019 – Present)

- Built a recommendation system using content-based, collaborative-filtering and hybrid recommender.

Classification on Bank Marketing Dataset (11/2018 – 12/2018)

- Implemented 4 Machine Learning algorithms on 'Bank Marketing Dataset' to classify if the client will subscribe a term deposit yielding an accuracy of 87% and higher, and a recall of 0.67 for the best model.

Bayesian Analysis on Rotten Movies Dataset (10/2018 – 10/2018)

- This project implements Bayes Theorem on Movie critics (Rotten Movies Dataset) that uses Vector Space Model, Sparse Matrix and Naive Bayes. Model is tuned using Cross Validation and Calibration.

Clustering on Wine Dataset (09/2018 – 09/2018)

- Clustered the Red Wine Dataset (csv file) using K-Means clustering and dimensionality reduction (PCA) along with metrics such as 'Sum-of-Squares' and 'Silhoutte Coefficients'. Other Clustering Algorithms such as Affinity propagation, Spectral clustering, etc are also implemented.

Logistic Regression on Human Heights and Weights Dataset (08/2018 – 08/2018)

- Built a logistic model that predicts a person's gender given their height and weight. In addition to a basic model, others with cross validation and tuned hyper parameters using "Grid Search" is also fitted and compared.

Linear Regression on Boston Housing Dataset (07/2018 – 07/2018)

- Developed a regression model to predict prices from 'Boston Housing Dataset' using 'Data Processing', 'EDA', 'Linear Regression', 'Hyper Parameter Tuning', 'Fitting Models' and 'Comparing Each Model'.