Sankeerth Ankam

Data Professional

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Columbus

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

TECHNICAL SKILLS

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

Python Libraries
Scikit-Learn, Pandas, Numpy, NLTK, Statsmodel, Seaborn, Bokeh, Matplotlib, XGBoost, Keras, Scrapy, Beautifulsoup, NetworkX

Databases
Spark, SQL Server, Oracle

Math
Statistics, Probability, Linear Algebra

Tools
AWS, Sage Maker, Tableau, Weka

WORK EXPERIENCE

ETL Professional
Designer Shoe Warehouse

02/2018 – Present   *Columbus, OH*

Responsibilities
- Execute data scripts involving integrated systems and perform detailed analysis.
- Create strategies, test cases for applications that use ETL components and track quality assurance metrics.

Business Data Analyst
Millennium Info Tech

07/2017 – 02/2018   *Princeton, NJ*

Responsibilities
- Acquire, clean and model data from multiple sources, analyze data models, defining metrics and project important KPIs.
- Predicting churn, segmenting users, analyzing metrics, and design Tableau dashboards.

Graduate Teaching Assistant
University of Nevada, Reno - Department of Math

01/2015 – 05/2017   *Reno, NV*

Responsibilities
- Teaching undergraduates in class with an emphasis on statistics and data interpretation skills.
- Bridge the gap between the theoretical concepts learned in course lectures and respective academic & research projects.

ACHIEVEMENTS

Best Teaching Assistant of the Semester (01/2016 – 05/2016)
Department of Math and Statistics, University of Nevada, Reno

CERTIFICATES

Oracle Certified Java Programmer (04/2017 – Present)

EDUCATION

Data Science Career Programme
Springboard

02/2018 – Present

Masters in Computer Science
University of Nevada, Reno

01/2015 – 05/2017   *3.7*

DATA SCIENCE PROJECTS

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 using K-Means clustering and dimensionality reduction (PCA) along with metrics such as 'Sum-of-Squares' and 'Silhoutte Coefficients'. Implemented Other Clustering Algorithms such as Affinity propagation, Spectral clustering, etc \.

Logistic Regression on Human Heights & 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.

Data Wrangling on World Bank Dataset (06/2018 – 06/2018) ⬀
- The goal of this project is to read World Bank Dataset, preprocess it using Data Wrangling techniques and draw inferences on countries, projects & themes.

Inferential Stats on Racial Discrimination Data in US Job Market (05/2018 – 05/2018) ⬀
- Perform hypothesis tests, permutation sampling on race and draw inferences to to verify if race plays any significant role in the "call-back rate" for an interview in the US job market.

ORGANIZATIONS

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

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