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| Sankeerth Ankam | [sankeerth.ankam@gmail.com](mailto:sankeerth.ankam@gmail.com) |
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| Data Engineer | 4256148076 |
| East Palo Alto, CA |
| Adaptable and quick learner, excel in communication skills, strategic planning |
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| and handling people. A Machine Learning, and AI enthusiast. Progress is my | [linkedin.com/in/sankeerthankam](https://www.linkedin.com/in/sankeerthankam/) |
| driving force. Learning new things and facing new challenges is my second |  |
| nature. Actively seeking Data Science/Machine Learning opportunities. | [github.com/sankeerthankam](https://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**

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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**

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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**

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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**

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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**

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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'.

