**SKILLS**

**Shruti Sawant**

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Python

SQL

Machine Learning

**SUMMARY**

Statistics graduate currently working as Data Analyst in Capes India, well versed with Machine Learning models, Python and SQL. Passionate about data cleaning in Python/SQL.

**EXPERIENCE**

**Capes India | Sep 2021 – Present**

**Project 1**

Built a recommendation engine model using various statistical measures such as Jaccard Similarity, Cosine similarity etc to create a matrix of similar products which can then be leveraged to recommend product based on user similarity.

Language Used – Python

Frameworks – Pandas, Numpy, SKlearn, SciPy

**Project 2**

Built a customer segmentation model using K-Means clustering to profile our customers for effective sales and targeted marketing strategy.

Language Used – Python

Model Used – K-Means Clustering, PCA (Dimensionality Reduction)

Frameworks – Pandas, Numpy, SKlearn

**Project 3**

Worked on analytical rule based checks on customer to flag them as potential risk customer. It involved querying there name, address, location etc.

Language Used – Python,SQL

Frameworks – Pandas, Numpy, SKlearn

**Academic Projects**

Built a machine learning model where was involved in Data Cleaning, Feature Engineering, Model Building to Model Evaluation to check if a particular customer subscribes to an Term Plan.

Model Used – Random Forest, Gradient Boosted Trees, Decision Trees, Logistc Regression, Adaboost

Built a Linear Regression Model using premier league data to predict what will be the final rank of the team at the end of the season

Model Used – Linear Regression

Bachelor in Statictics, 2021

Sathaye College.

**EDUCATION**

Statistical Tests