SERVICES - ASSET AND ENTITLEMENT INVENTORY

Team : Bits'NBytes

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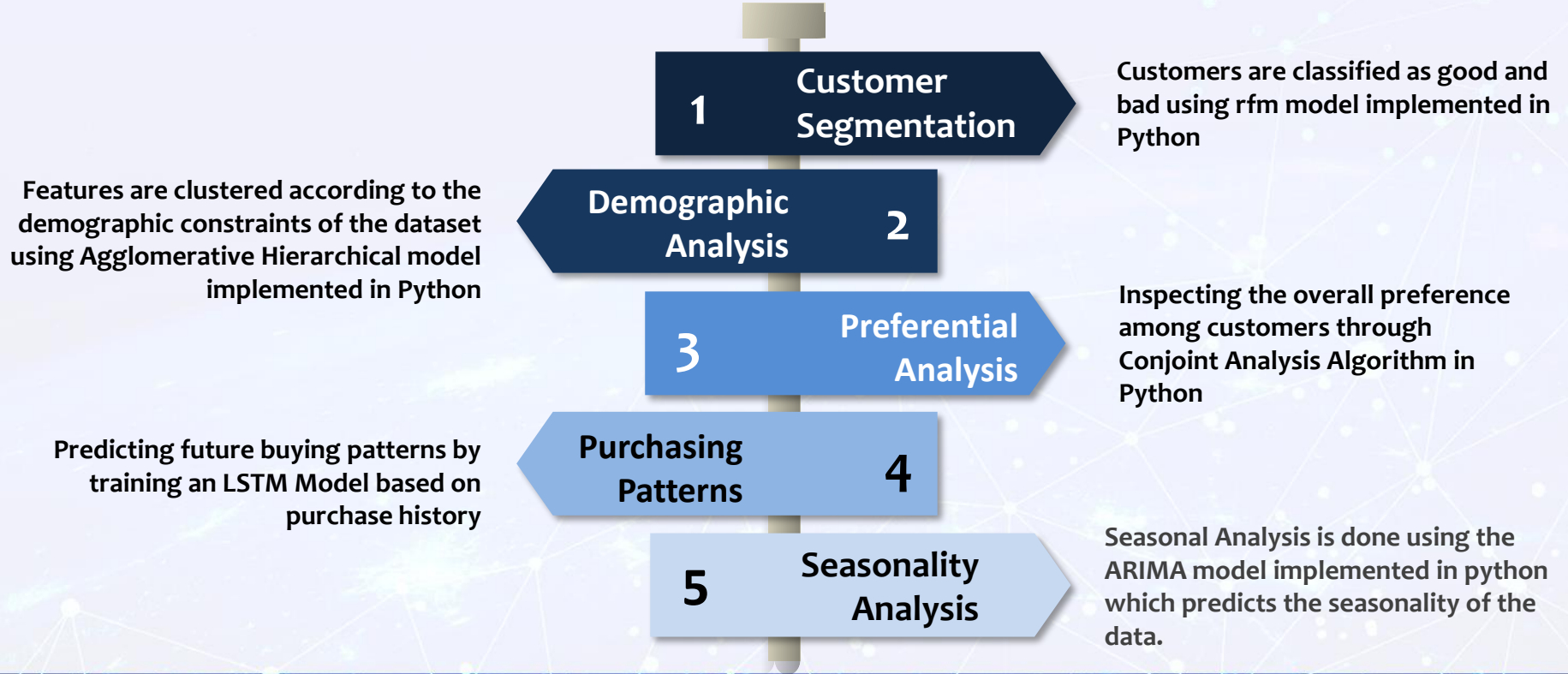**Mehar Bhatia**
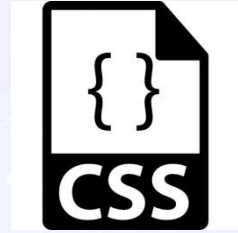
D. C. Nikitha

Manasi Mittal

Architecture

1 Customer Segmentation

Customers are classified as good and bad using rfm model implemented in Python

Features are clustered according to the demographic constraints of the dataset using Agglomerative Hierarchical model implemented in Python

Demographic Analysis **2**

3 Preferential Analysis

Inspecting the overall preference among customers through Conjoint Analysis Algorithm in Python

Predicting future buying patterns by training an LSTM Model based on purchase history

Purchasing Patterns **4**

5 Seasonality Analysis

Seasonal Analysis is done using the ARIMA model implemented in python which predicts the seasonality of the data.

THANK YOU

Let's Start the demo...