**Project Proposal**

**Project Title:**

Dashboard of Pakistan’s Largest Ecommerce Dataset

**Team Members:**

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**Project Description:**

Daraz is Pakistan’s largest e-commerce player. The project is based on the detailed analysis of the data from more than half a million customer orders using Python.

**Dataset/Web APIs:**

Geography: Pakistan

Time period: 03/2016 – 08/2018

Unit of analysis: E-Commerce Orders

Dataset: The dataset contains detailed information of half a million e-commerce orders in Pakistan from March 2016 to August 2018. It contains item details, shipping method, payment method like credit card, Easy-Paisa, Jazz-Cash, cash-on-delivery, product categories like fashion, mobile, electronics, appliance etc., date of order, SKU, price, quantity, total and customer ID. This is the most detailed dataset about e-commerce in Pakistan that you can find in the Public domain.

Variables: The dataset contains Item ID, Order Status (Completed, Cancelled, Refund), Date of Order, SKU, Price, Quantity, Grand Total, Category, Payment Method and Customer ID.

Size: 101 MB

File Type: CSV

**Python Libraries:**

* 1. Flask
  2. Numpy
  3. Pandas
  4. PyPlot

**Features:** The web application will feature a dashboard which will visualize the data set based on variables available in the data set.