**Recommendation System for an Online Retailer(Fashion Products)**

1: Data Extraction:

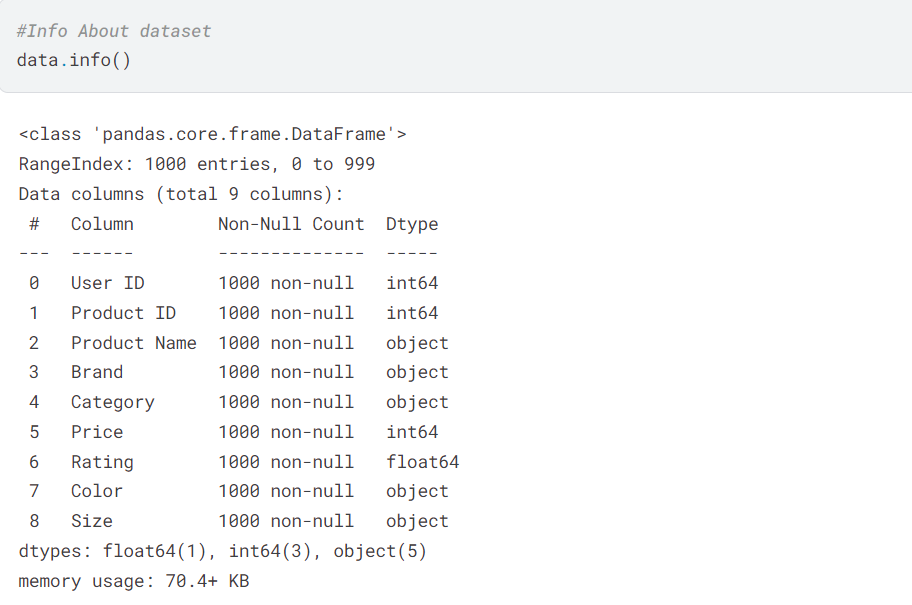
import pandas as pd

# Replace 'path/to/your/dataset.csv' with the actual path or name of your downloaded dataset file

data = pd.read\_csv(yourpath//fashion\_products.csv')

# Display the first few rows of the dataset to understand its structure

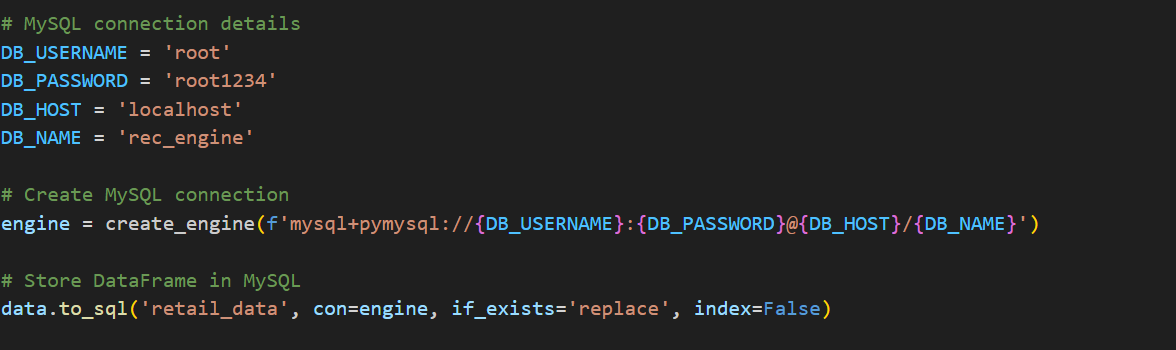
data.info ()



2: Data Storage:

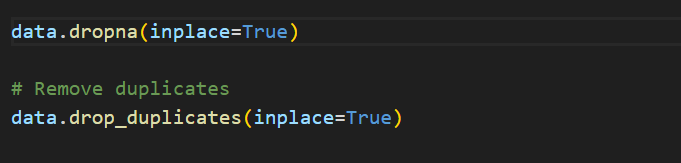
Database Name: REC\_ENGINE

Table Name: Retail\_Data

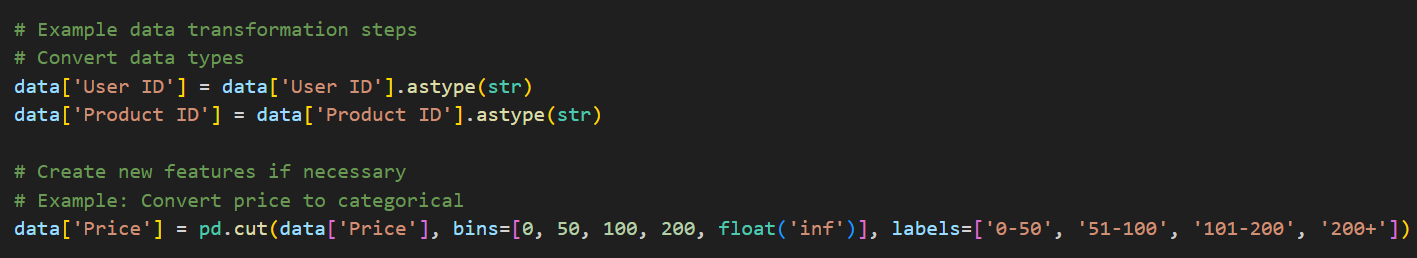


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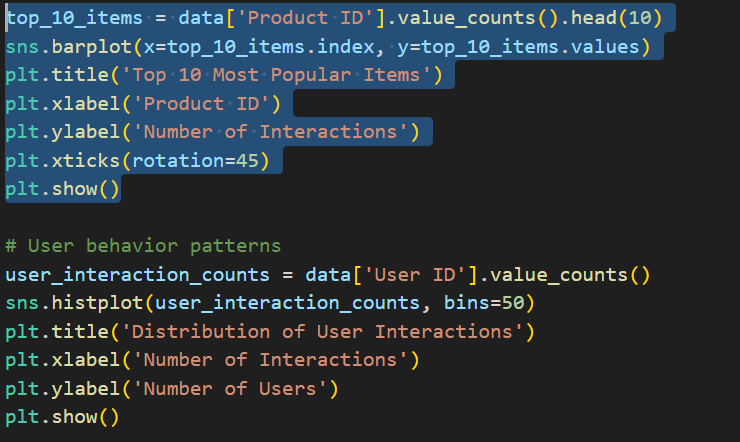
3: Data Cleaning:

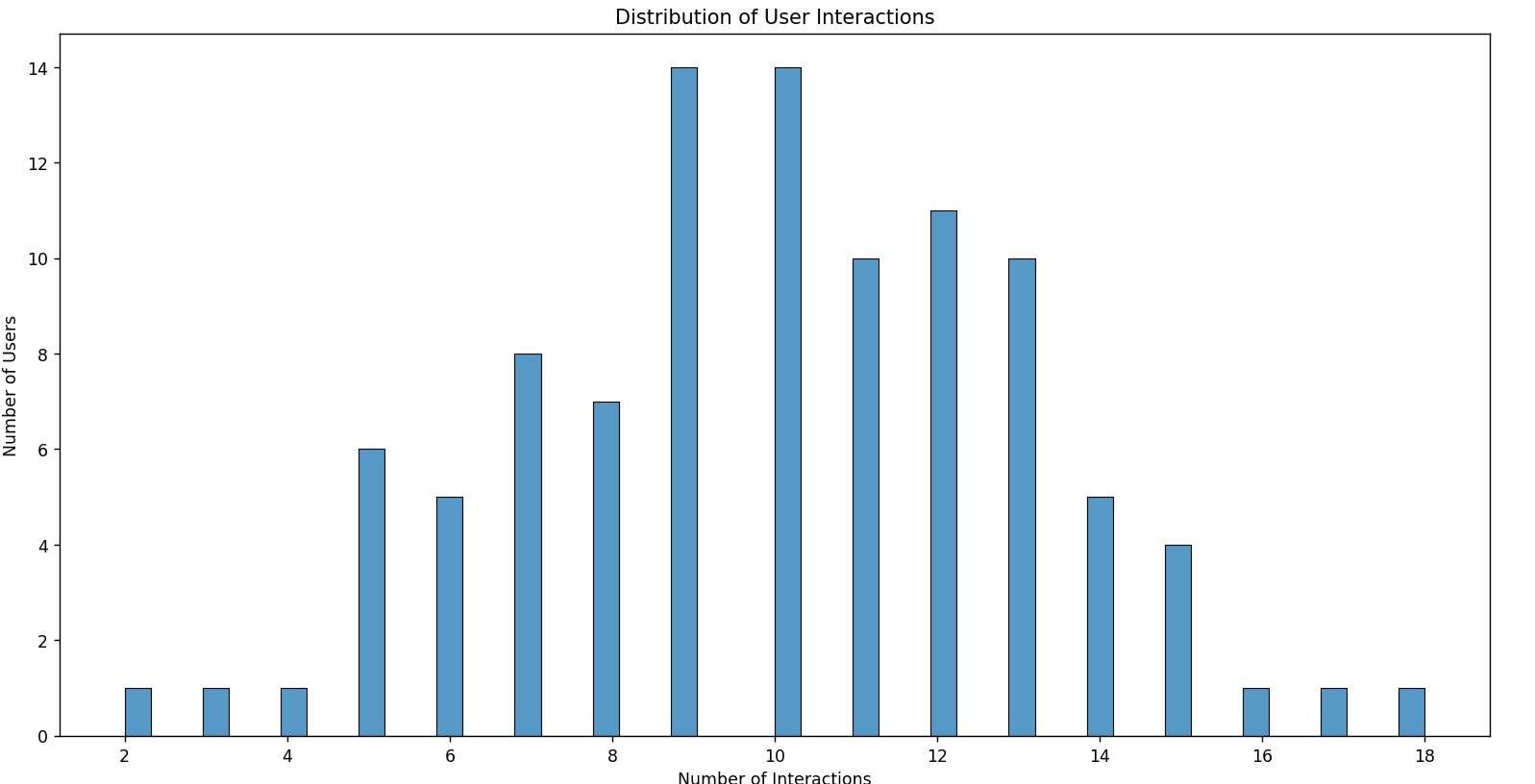


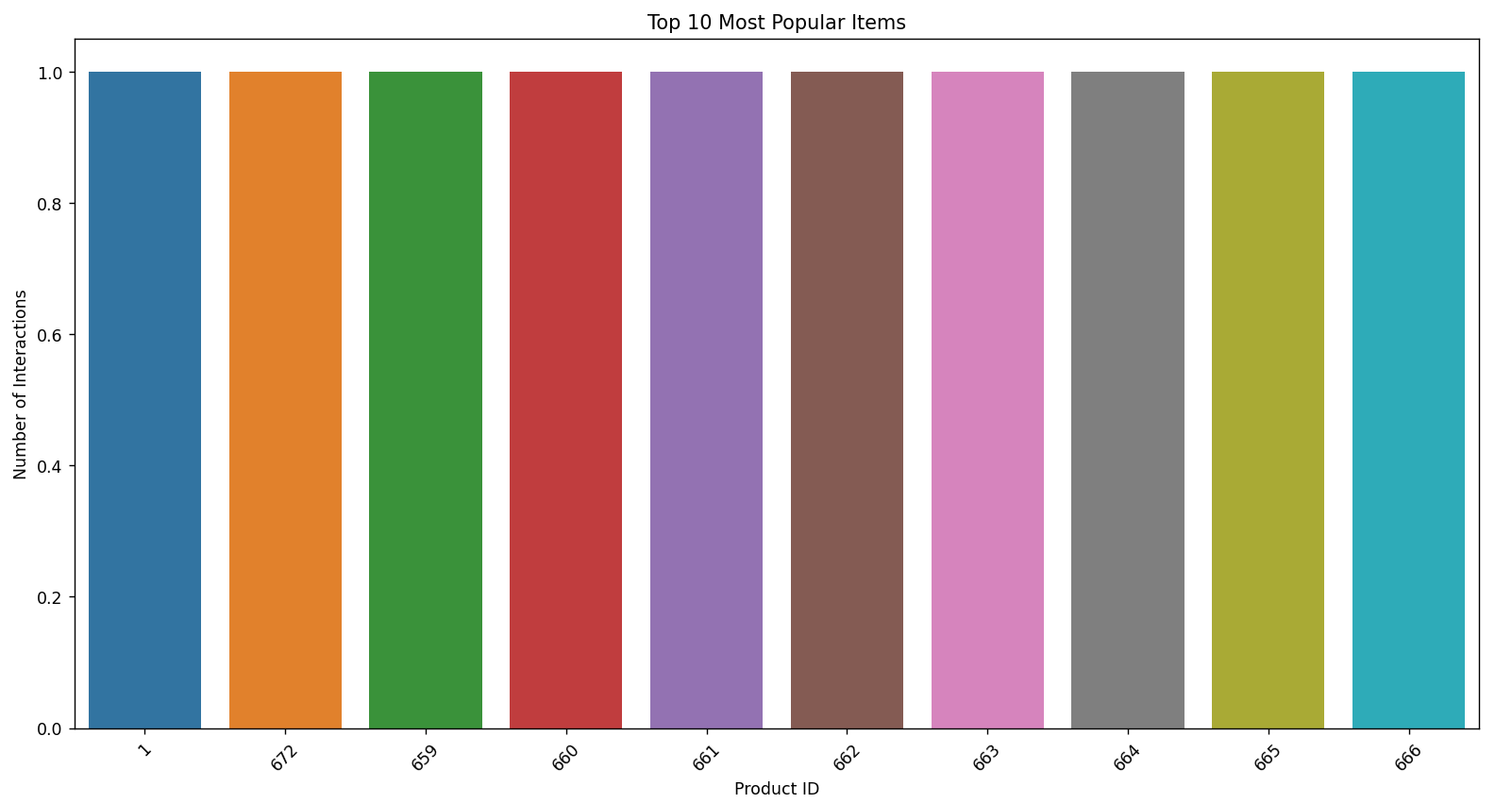
4: Data Transformation:



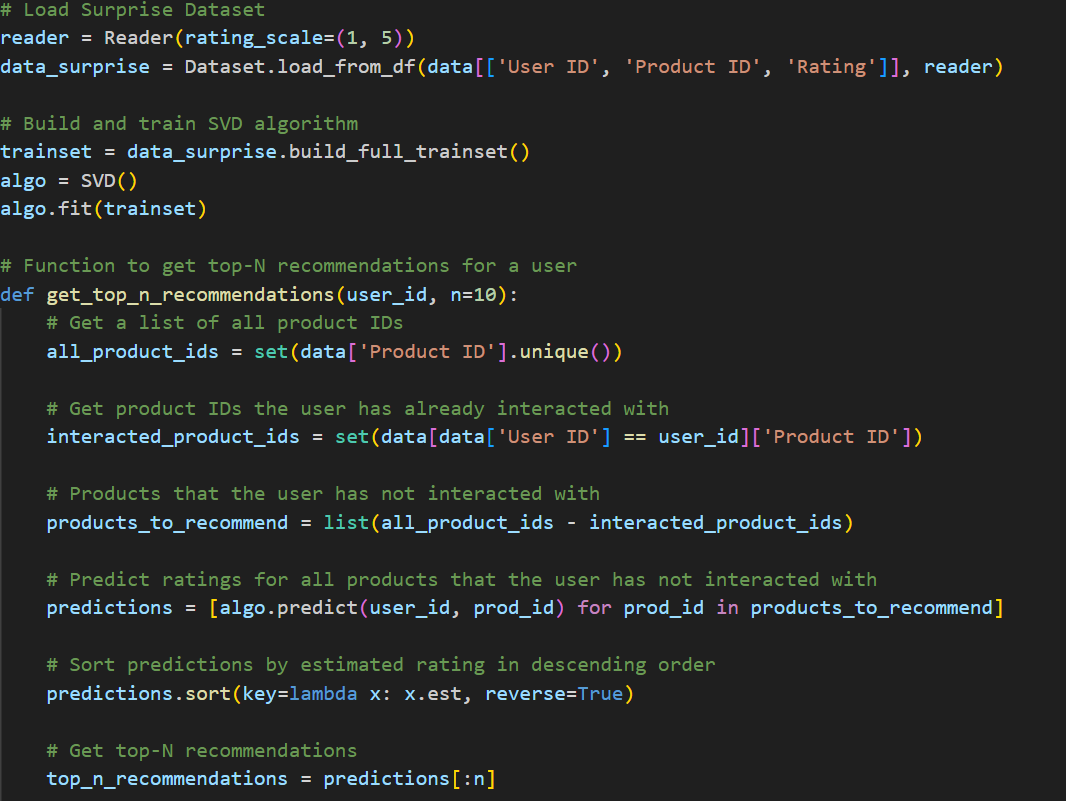
5: Exploratory Data Analysis (EDA):



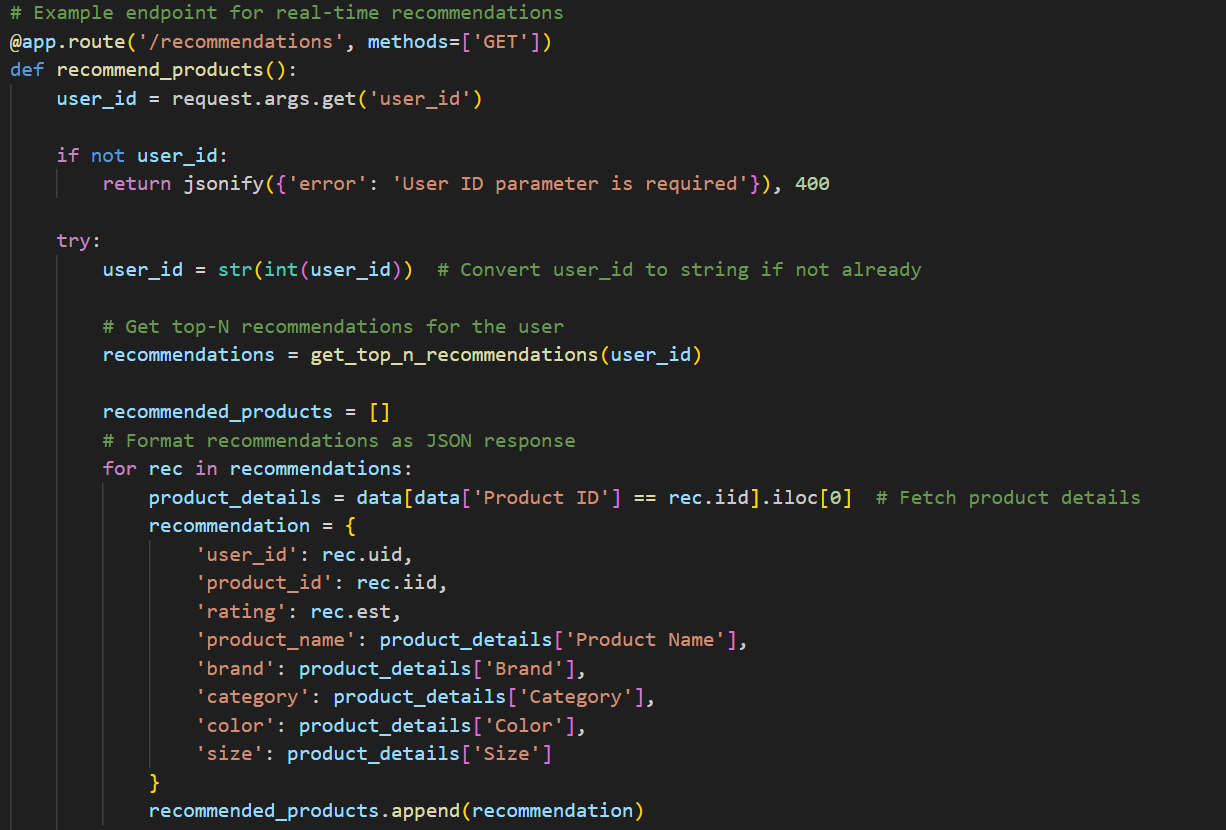




6**:** Recommendation Algorithms:



7: Model Evaluation and Deployment:



Url : <http://localhost:5000/recommendations?user_id=123>



