Interpretable Predictions - 2025

Step 1: Dataset Selection

Dataset: Women's E-Commerce Clothing Reviews
Source: https://www.kaggle.com/datasets/nicapotato/womens-ecommerce-clothing-reviews

Description:
This dataset contains customer reviews for women's clothing, including numerical, categorical, and free-text attributes. Each review includes fields such as rating, age, title, review text, recommended indicator, division name, department name, and class name.

The goal is to predict whether a user recommends a clothing item based on its features and the text of their review. The dataset satisfies all assignment criteria: numeric (Age, Rating), categorical (Division Name, Department Name, Class Name), and free-text (Review Text).

Step 2: Student Details

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Dataset: Women's E-Commerce Clothing Reviews (Kaggle)

Step 3: Colab Implementation

Colab Notebook:
https://colab.research.google.com/drive/1PoIQsPdX6xO5rcYqiwmL9bFZfYPqsq-p

The notebook implements a binary classifier to predict whether a user will recommend a product based on their review and product attributes.