**CSV File Categorical Variable**

**holidays\_events.csv**  1-type (e.g., Holiday, Additional, Event)

2-locale (e.g., Local, Regional, National)

3-locale\_name (e.g., Manta, Cuenca, Libertad)

4-transferred (Boolean, categorical with values True/False)

**oil.csv**  1-None ------------------------------------------------

**train.csv** 1-store\_nbr (categorical, identifies store number)

2-family (categorical, identifies product category)

3-onpromotion (could be categorical if treated as discrete values indicating promotion presence)

**stores.csv** 1-city (categorical)

2-state (categorical)

3-type (categorical, store type)

4-cluster (categorical, grouping of similar stores)

**transactions.csv** 1-store\_nbr (categorical)

**test.csv** 1-store\_nbr (categorical)

2-family (categorical)

3-onpromotion (similar to train, could be categorical)

**sample\_submission.csv** 1-None -------------------------------------------------