

Notebook Summary – Flight Delays Analysis

Step 1: Load Data (import Flight_delays.csv)

Why: To analyze historical flight delays.

Output: Dataset with 484,551 rows × 29 columns.

Step 2: Data Preview (df.head())

Why: To confirm dataset structure and content.

Output: Displayed first 5 rows with flight details and delays.

Step 3: Check Data Types & Info

Why: To understand variable types and memory usage.

Output: 20 numeric, 9 categorical; memory usage ~107 MB.

Step 4: Check Missing Values

Why: To detect incomplete fields before preprocessing.

Output: Org_Airport (1177 nulls), Dest_Airport (1479 nulls).