

POWER BI CHALLENGE

TASK 2 – DATA CLEANING (POWER QUERY)

The screenshot displays the Microsoft Power BI Desktop interface. The ribbon at the top includes tabs for Home, Transform, Add Column, View, Tools, and Help. The 'Transform' tab is active, showing various data manipulation options like 'Remove Rows', 'Keep Rows', 'Split Column', and 'Group By'. The main area shows a table with 5 columns and 500 rows. The columns are: Order ID, Order Date, Customer Name, State, and City. The table contains 26 rows of data. The right-hand pane shows the 'Query Settings' for the 'Table.RemoveLastN(4*Changed Type', 60)' query. The 'APPLIED STEPS' section shows the following steps: Source, Promoted Headers, Changed Type, and Removed Blanks and nulls. The status bar at the bottom indicates '5 COLUMNS, 500 ROWS' and 'Column profiling based on top 1000 rows'.

Order ID	Order Date	Customer Name	State	City
1	01-04-2018	Bharat	Gujarat	Ahmedabad
2	01-04-2018	Pearl	Maharashtra	Pune
3	03-04-2018	Jahan	Madhya Pradesh	Bhopal
4	03-04-2018	Divsha	Rajasthan	Jaipur
5	05-04-2018	Kasheen	West Bengal	Kolkata
6	06-04-2018	Hazel	Karnataka	Bangalore
7	06-04-2018	Sonakshi	Jammu and Kashmir	Kashmir
8	08-04-2018	Aarushi	Tamil Nadu	Chennai
9	09-04-2018	Jitesh	Uttar Pradesh	Lucknow
10	09-04-2018	Vogesh	Bihar	Patna
11	11-04-2018	Anita	Kerala	Thiruvananthapuram
12	12-04-2018	Shrichand	Punjab	Chandigarh
13	12-04-2018	Makesh	Haryana	Chandigarh
14	13-04-2018	Vandana	Himachal Pradesh	Simla
15	15-04-2018	Bhavna	Sikkim	Gangtok
16	15-04-2018	Kanak	Goa	Goa
17	17-04-2018	Sagar	Nagaland	Kohima
18	18-04-2018	Manju	Andhra Pradesh	Hyderabad
19	18-04-2018	Ramesh	Gujarat	Ahmedabad
20	20-04-2018	Sarita	Maharashtra	Pune
21	20-04-2018	Deepak	Madhya Pradesh	Bhopal
22	22-04-2018	Monisha	Rajasthan	Jaipur
23	22-04-2018	Atharv	West Bengal	Kolkata
24	22-04-2018	Vini	Karnataka	Bangalore
25	23-04-2018	Pinky	Jammu and Kashmir	Kashmir
26	23-04-2018	Ishishm	Maharashtra	Mumbai

- Detected Blanks and Null values and Removed using Power Query
- Column names and Data Types are Standardized
- Dataset is Clean for Data Modelling