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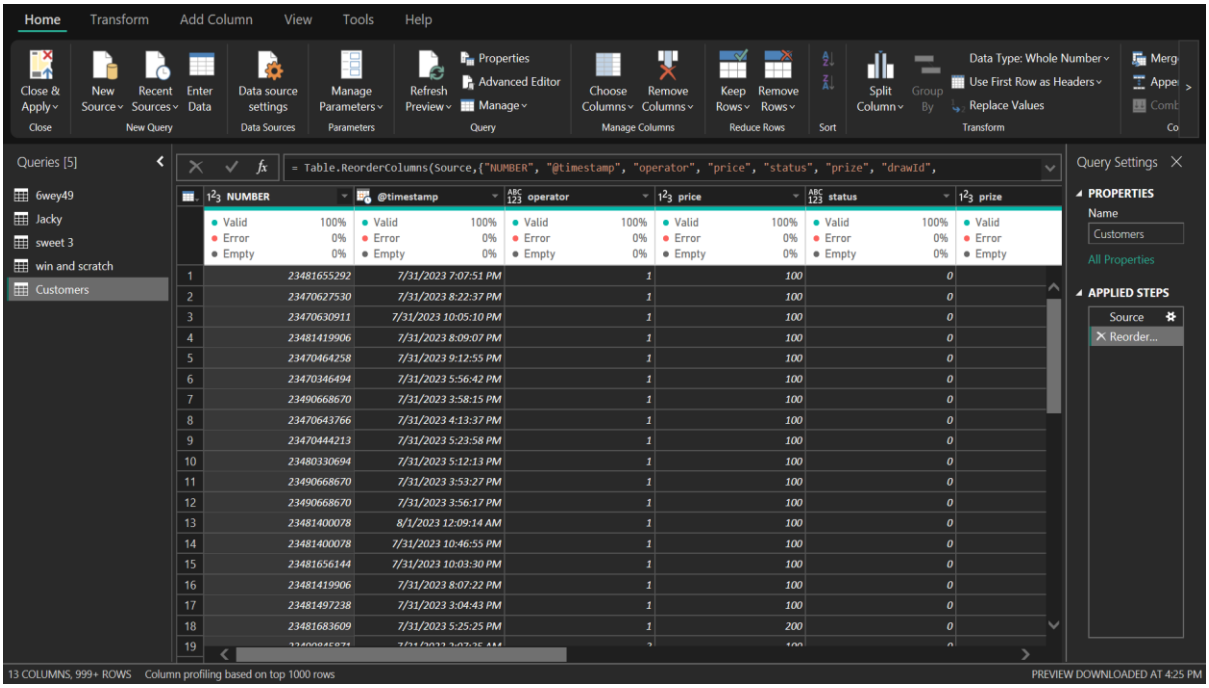
REPORT ON GAMES PLAYED IN A CASINO (POWER BI)

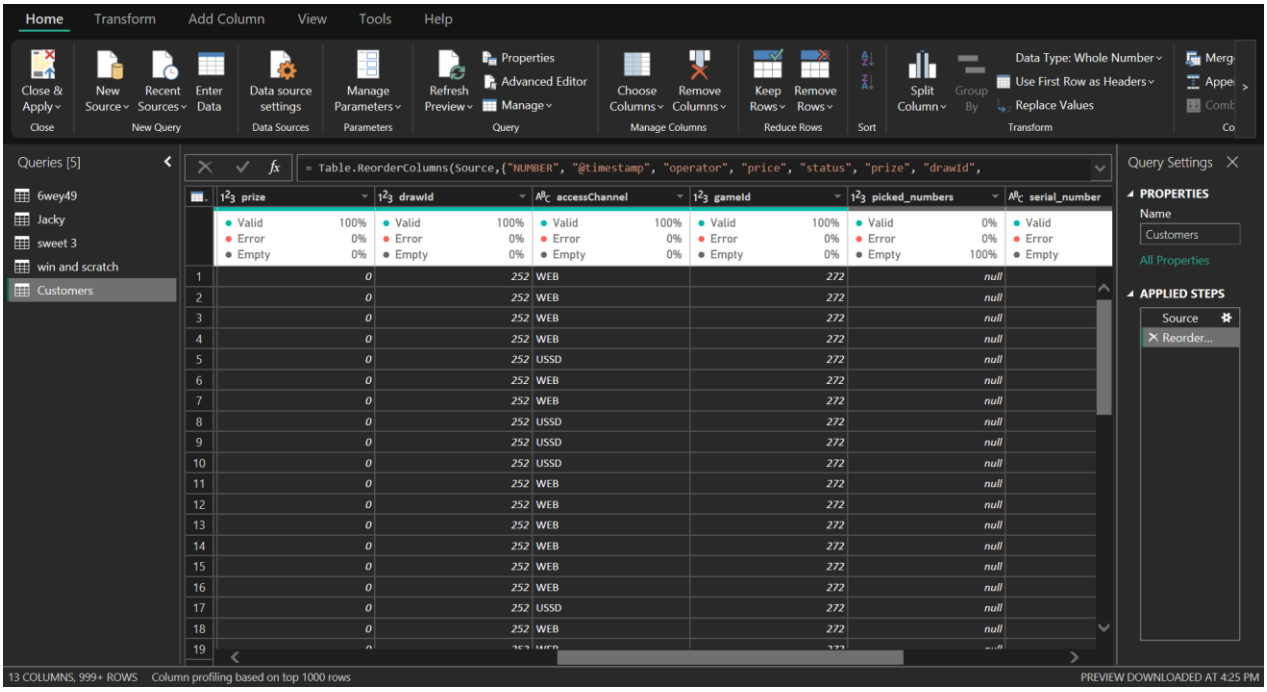
This analysis was done using power bi, to gain insights into the data. The dataset was obtained from a casino in Abuja.

DATA DESCRIPTION

This dataset contains 4 different games namely; 6wey49, Jacky, Sweet3 and Win and scratch.

All the games were appended as new. The dataset contains 259,500 rows. This was the overview of the dataset after appending;



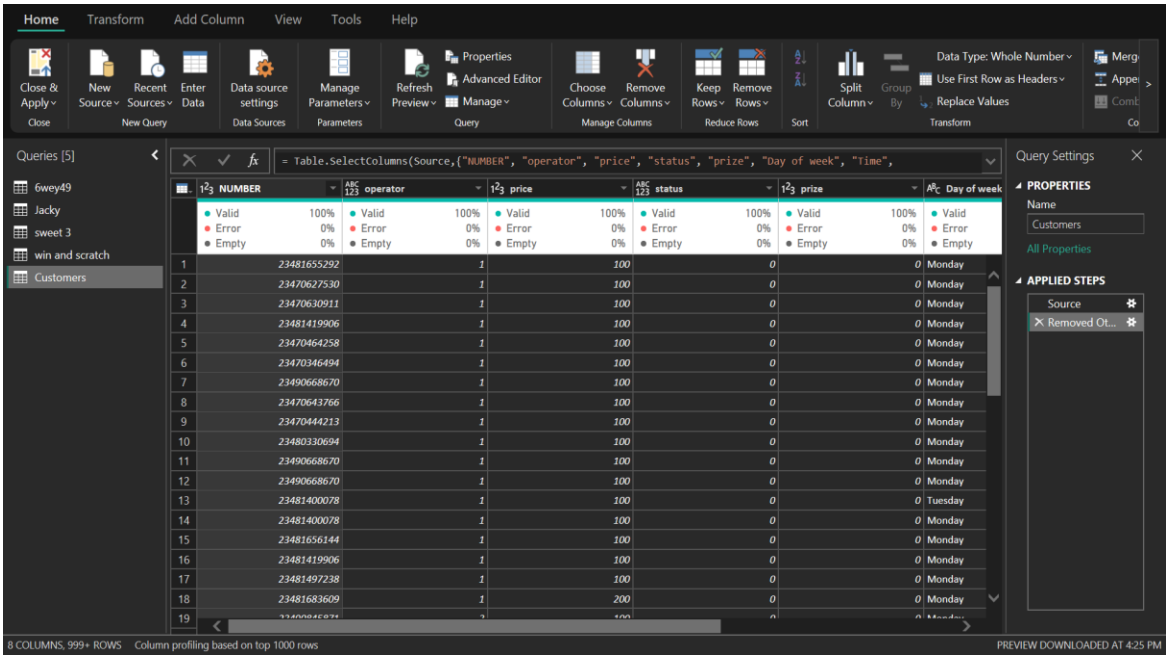


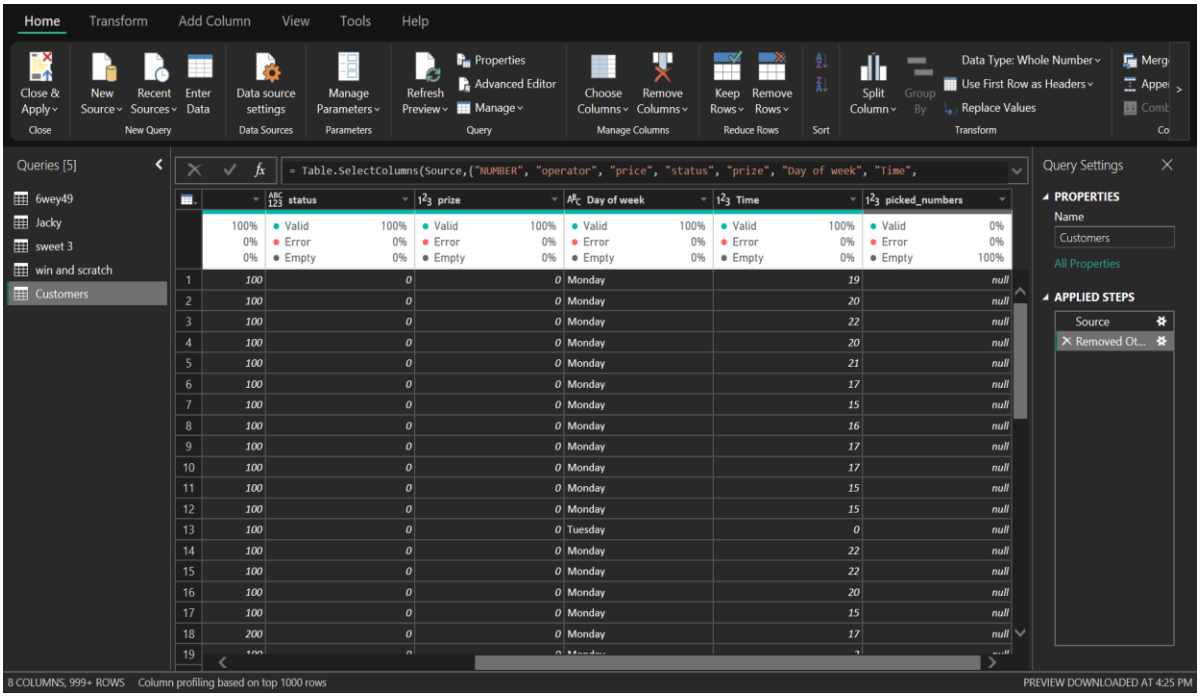
DATA CLEANING

- The dataset of all games were loaded in the power query editor.
- The dataset of the 4 games were appended as new. The “number” column was chosen and the other columns removed. Duplicates were not removed to avoid losing large amount of data. The query was renamed as CUSTOMERS.
- To get the name of day and the time, the “TIMESTAMP” column was chosen in addition to the “NUMBERS” column in the query.

- The timestamp column was duplicated to avoid altering the original data. The duplicated column was split by delimiter into date and time. Both columns were renamed accordingly and their datatypes changed.
- The date column was transformed to show just day of week and the time column was transformed to show hour of day.
- The columns “price”,” prize”, ”picked numbers”, “status”, “operator” were also added in the CUSTOMERS query.

After cleaning, this was the outcome:





INSIGHTS

From the analysis, these are some of the insights gotten.

- The analysis of the games played at the casino shows a total of 259,500 players.

- A total of 29,180 people played the 6wey49 game. 47,890 people played the Jacky game. 129,890 people played the Sweet 3 game and 52,550 people played the win and scratch game

- The analysis shows that games were mostly played on Fridays by 9pm. This could be because Friday is the last working day in a week and the start of

the weekend. People have enough time to go home, cool off and go play games at night

- The frequently won price was “100” which means most players played with “100”.

- The analysis shows that the percentage of people who lost their games were greater than those who won. About 73% of people played games and lost while just 26.88% played games and won.

- The sweet 3 game is usually played with numbers and from the analysis, the most picked number was 956 which was picked 721,780 times.

A dashboard was created in power BI to visualize the analysis done;