

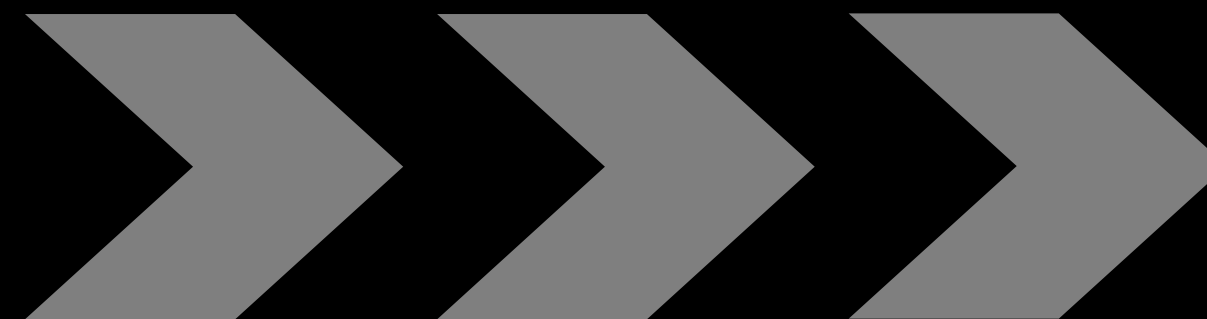
# **CHESS OPENINGS DASHBOARD**

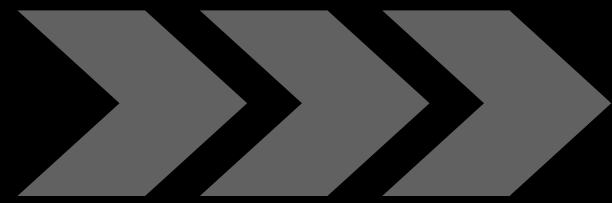
# CHESS

# LICHESS

## DATASET

Lichess is a online chess server where people can play chess across the globe for free. My dataset named "Chess Game Dataset (lichess)" includes 20,000 games collected from a selection of users on the site lichess.org. My dataset contains columns like Game ID, Rated, Start Time, End Time, No. Of Turns, Game Status and many more other columns.





# OBJECTIVE

**ANALYZING  
CHESS  
OPENINGS**

**WIN /LOSS  
STATISTICS**

**DATA DRIVEN  
INSIGHTS**

**COMPETITIVE  
ADVANTAGE**

**PLAYER  
PREFERENCES**

**DECISION  
MAKING**

# CLEANING THE DATA



The unnecessary columns have been removed and the relevant columns for visualisation such as Victory Status, Winner, White Rating, Black Rating, Moves, Time Increment, Opening Name have been kept.





# STEPS

01

Changed the Number of Turns column to Number Of Moves column, performed data munging in Power Query Editor and transformed.

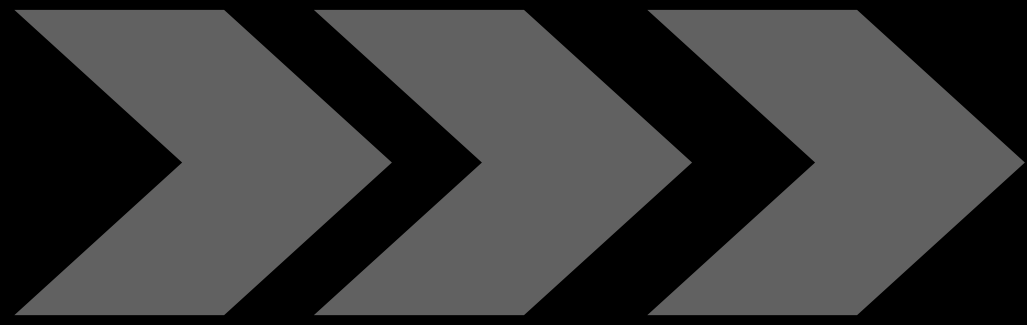
02

Used Dax Functions (SWITCH) to simplify the time format as Blitz, Rapid and Classical

03

Added interactive and attractive visualizations for a informative and engaging dashboard and used Decomposition Tree, Donut Charts, Slicers, Cards and Stacked Bar Chart as the visualizations.





# CONCLUSION

01

The dataset provided valuable insights about opening preferences.

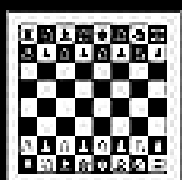
02

Analyzing opening selection by the basis of games won

03

Providing recommendations or insights for chess players based on historical data.





# CHESS OPENINGS DASHBOARD lichess.org



Average of Time Control (In...)

13.82

Average of Black Rating

1.59K

Average of White Rating

1.60K

Winner

white

Victory Status

All

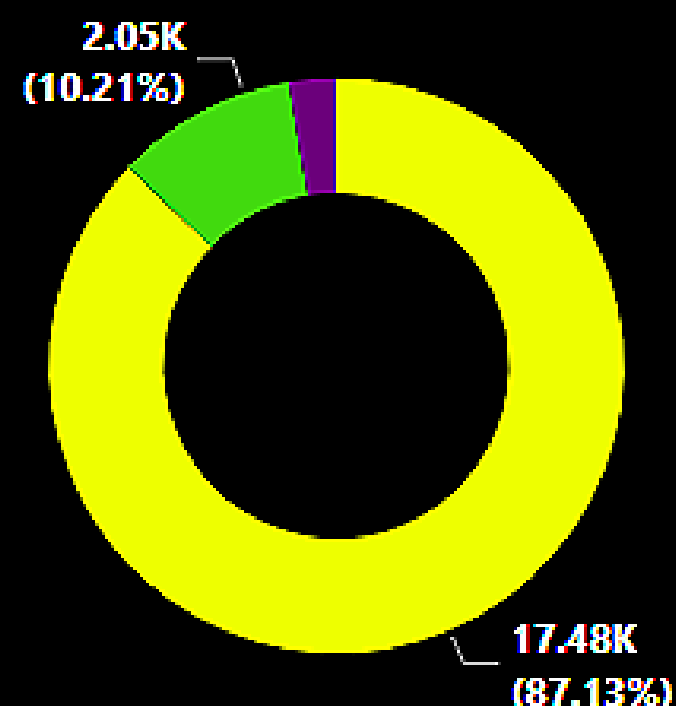
Opening Name

All

## Openings Played by Black and White Players Maximum Number of Games Played in each Format

Winner ● black ● draw ● white

Sicilian Defense	690	657
French Defense	431	463
Queen's Pawn...	375	360
Italian Game	321	353
Ruy Lopez	275	324
King's Pawn G...	307	294
English Openi...	245	310
Scandinavian ...	255	276
Caro-Kann De...	222	235
Scotch Game	157	202
Queen's Gamb...	147	172



Format

- Rapid
- Blitz
- Classical

Count of Number ...  
20058

Format

Rapid

Opening Name

Rapid  
17477

Blitz  
2048

Classical  
533

Sicilian Defense  
2287

French Defense  
1154

Queen's Pawn Ga...  
927

**Rapid** had the highest Maximum Number of Games Played in each Format at **17,477**, followed by **Blitz** at **2,048** and **Classical** at **533**.



**THANK YOU !!**

