

INT217 - INTRODUCTION TO DATA MANAGEMENT
END TERM PROJECT



Excel Dashboard - Olympic Statistics

Qazi Maaz Arshad
11906424
RKM039B50



CONTENTS

KEY DISCUSSION POINTS

- Intro - Project
- Data Set
- ETL
- Objectives
- Dashboard
- SWOT Analysis
- Learning Outcomes

INTRODUCTION

EXCEL DASHBOARD

The Excel Dashboard is used to display overviews of large data tracks. Excel Dashboards use dashboard elements like tables and charts to show the overviews.



MY DATASET

120 YEARS OF OLYMPICS HISTORY

The data set used contains information regarding all the previous Winter and Summer Olympics.



CSV

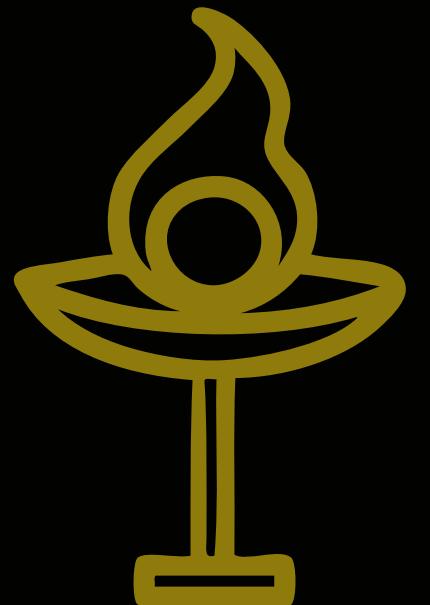
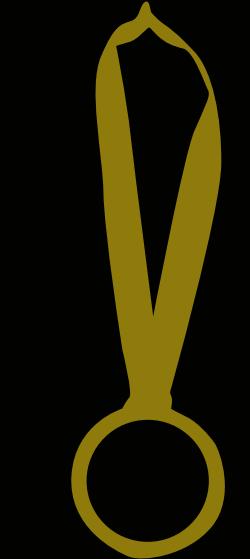
TOTAL PLAYERS DATA

27117+

DOWNLOADED FROM KAGGLE

Contains all statistics of
Olympics history from 1896 to
2016.

Commencing The Project



PHASES OF PROJECT



PHASE 1

ETL Process

PHASE 2

Objectives

PHASE 3

Dashboard

ETL PROCESS

EXTRACT, TRANSFORM, LOAD

EXTRACTING DATA

Downloading Data, Importing Data

TRANSFORMING DATA

Merging Data Sets, Removing
Unwanted Values, Columns

LOADING DATA

Saving Clean Data



DASHBOARD OBJECTIVES



The main aim of the project is to analyze the Olympics data set to deduce all the Olympics statistics which includes the records, facts, and trends of all the Summer and Winter Olympics since 1896 with respect to participants, nations, and games in various aspects.

MAIN OBJECTIVES

FINDING TRENDS AND FIGURES



BY AGE

Player Participation,
Victory, Male/Female
Ratio with respect to age.



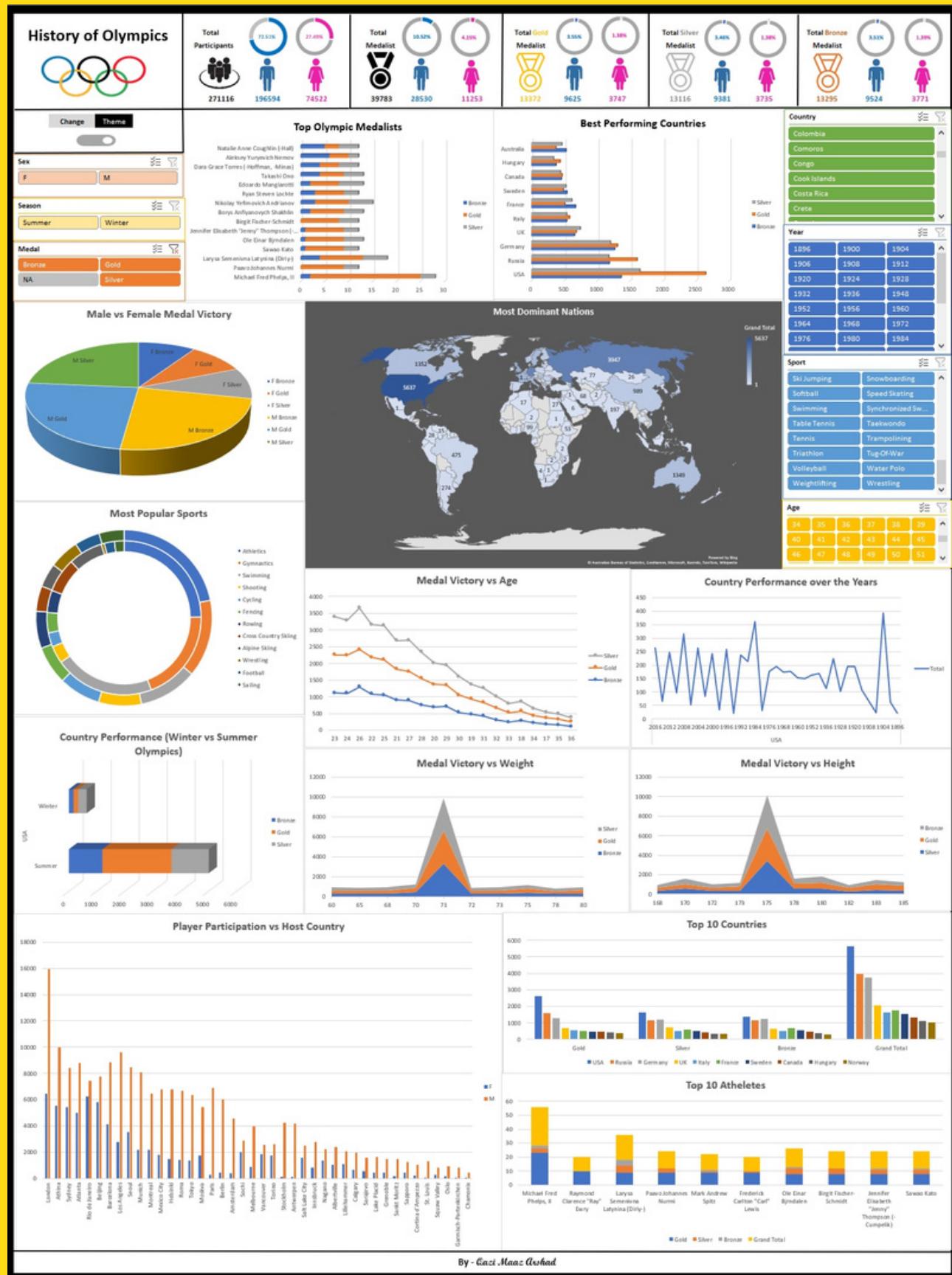
BY GENDER

Medal Victory, Sports
Participation in terms of
sex.



BY NATIONS

Best Performing Countries,
Year Wise, Male vs
Female, in specific Sports.



THE DASHBOARD

OLYMPICS STATISTICS

This dashboard helps in finding the required results from the Olympics data and eases the decision-making process by showing the vital parts of the data.

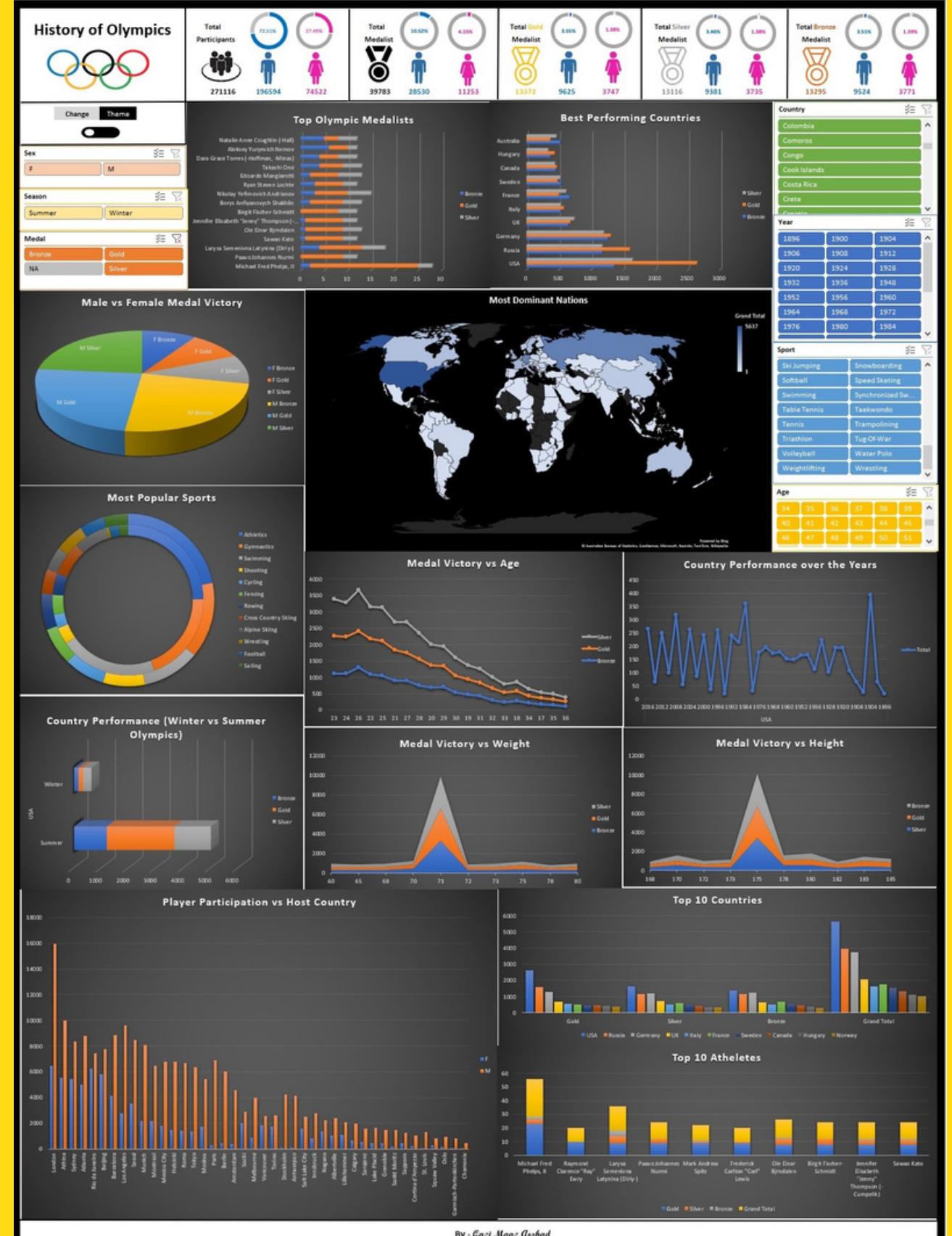
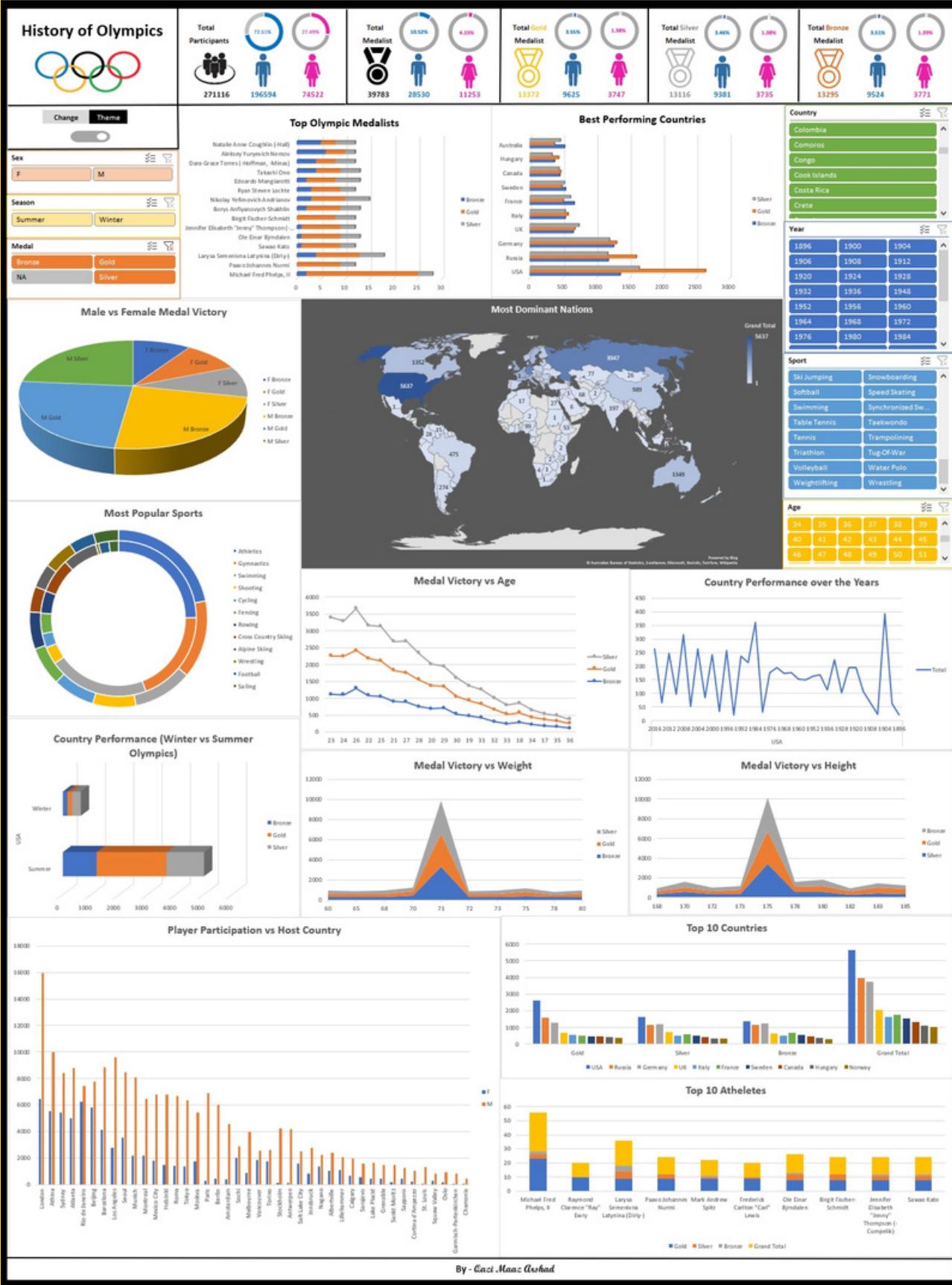
SPECIAL FEATURES of DASHBOARD



DARK/LIGHT
THEME



MASTER SHEET
& HIDDEN LINKS



MASTER SHEET

Sheet Name	Link
Dashboard	
Dark Dashboard	
Raw Data Set 1	
Raw Data Set 2	
Raw Data Combined	
Clean Data Set	
Calculation	
Top Olympic Medalists	
Top 10 Players	
Best Performing Countries	
Top 10 Countries	
Most Dominanat Nations	
Age vs Victory	
Country Yearly Performance	
Male vs Female	
Height vs Medal	
Weight vs Medal	
Country - Summer vs Winter	
Host vs Participants	
Most Popular Sports	

HIDDEN LINKS

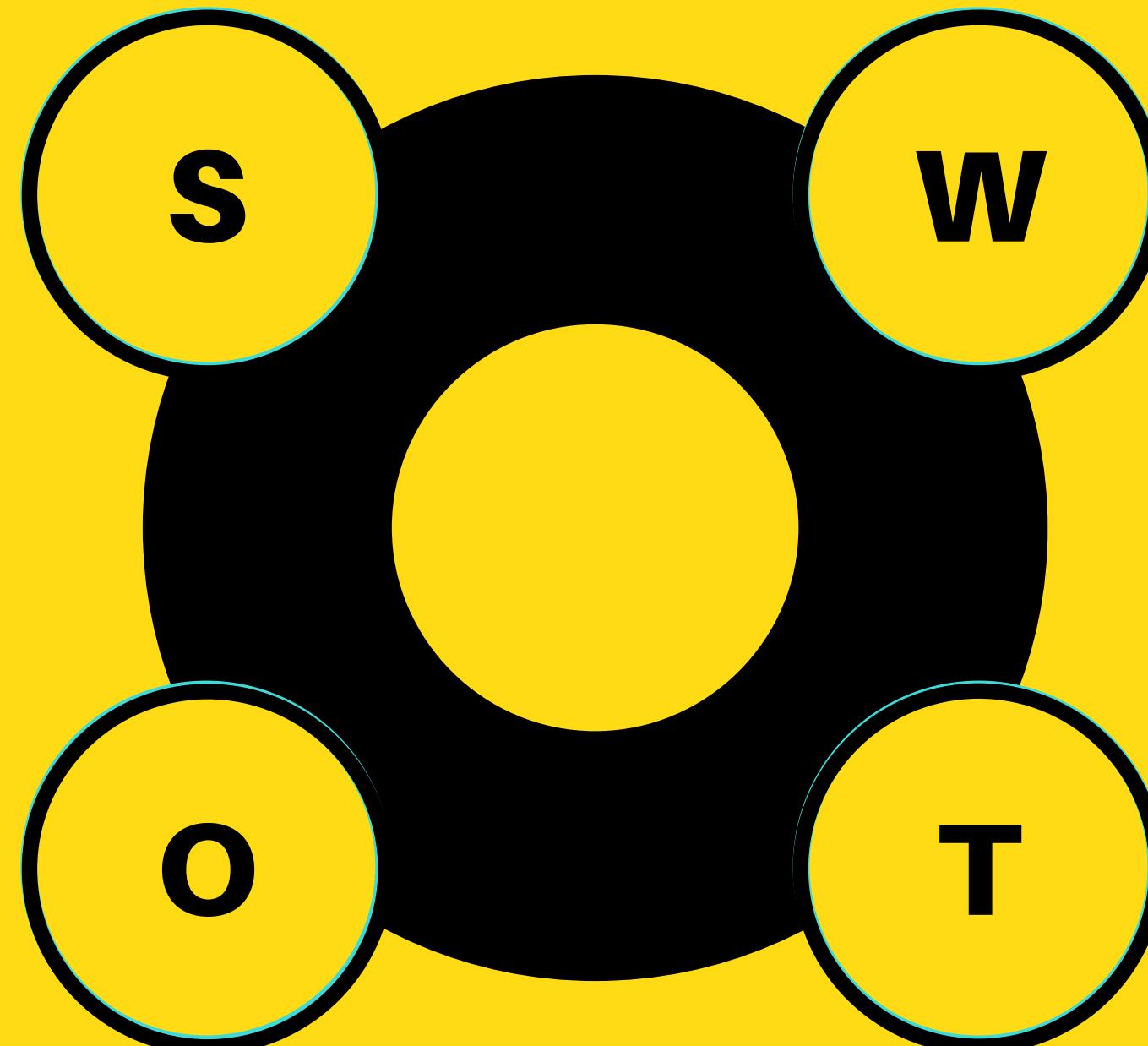


STRENGTHS

- Excellent UI
- Easy Navigation
- Abstract View
- Detailed Analysis
- Easy to Understand

OPPORTUNITIES

- Work on Weaknesses
- Make Dashboard Fit Screen



WEAKNESSES

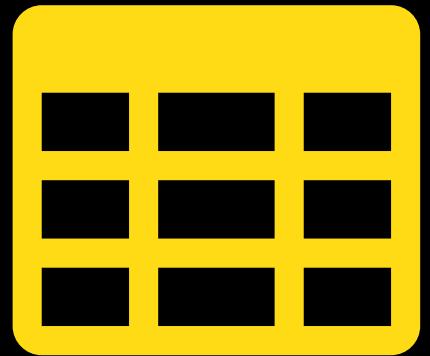
- Tasks not Achieved due to (Limited Excel Features)

THREATS

- Lack of Security.
- Slow
- Occupies large space

TOOLS & FEATURES OF EXCEL

MOST USED



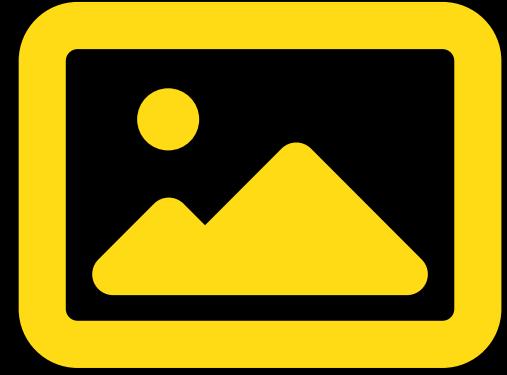
Pivot Table



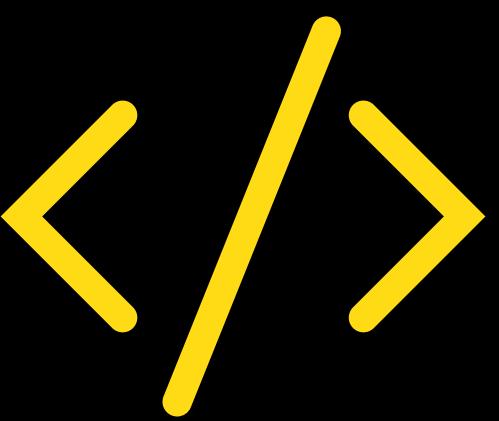
Pivot Chart



Links



Images &
Icons



VBA

LEARNING OUTCOMES



THANK YOU