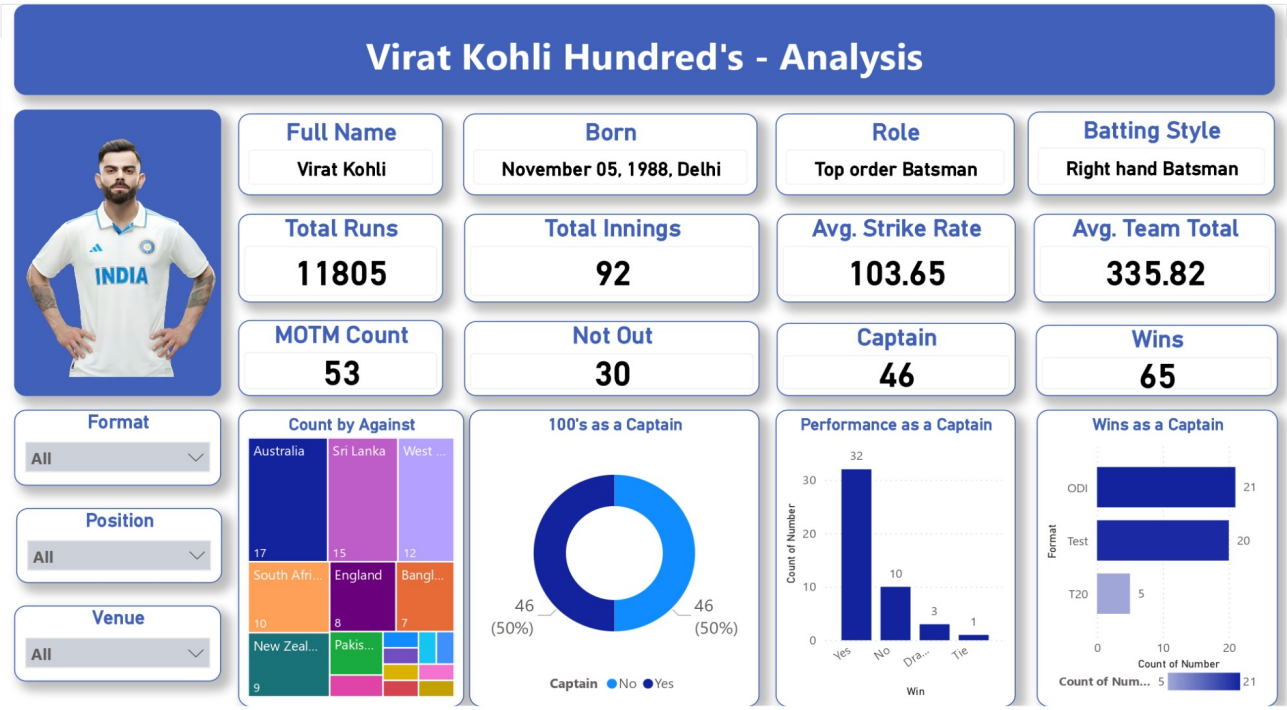
Virat Kohli – Hundreds Analysis Report

Power BI Dashboard Overview



1. Objective of the Analysis

The main objective of this analysis was to evaluate Virat Kohli's batting performance with a focus on his international hundreds, consistency, leadership impact, and match-winning ability. The Power BI dashboard provides an interactive and visual representation of performance across formats, oppositions, and captaincy roles.

2. Tools and Technologies Used

1. Power BI – Data modeling, DAX calculations, interactive dashboard creation.
2. Excel / CSV Files – Data source containing match-wise statistics.
3. Power Query – Data cleaning, transformation, and shaping.
4. Visuals Used – Cards, Treemap, Donut Chart, Bar Charts, and Slicers.

3. Analysis Performed

1. Player Profile Section: Displays personal and professional details for contextual understanding.
2. Key Performance Indicators: Total runs (11,805), innings (92), strike rate (103.65), and team average score.
3. Consistency Analysis: Man of the Match awards (53) and not-out innings (30).
4. Captaincy Impact: Matches as captain (46) and leadership performance.
5. Opposition Analysis: Treemap visualization showing hundreds against different teams.
6. Captain vs Non-Captain Comparison: Equal distribution of centuries (50%-50%).
7. Match Outcome Evaluation: Wins, losses, draws, and ties when centuries were scored.
8. Format-wise Captaincy Wins: ODI, Test, and T20 comparison.

4. Key Results & Insights

1. Virat Kohli demonstrates high consistency and dominance across formats.
2. Strong correlation between centuries and team victories.
3. Leadership role does not reduce batting performance.
4. Better captaincy success rate in ODI and Test formats.
5. Major contributions against top international teams.

5. Benefits Gained from This Project

1. Practical experience in Power BI and sports analytics.
2. Strong portfolio project for LinkedIn and GitHub.
3. Improved data storytelling and visualization skills.
4. Helps in building a personal brand as a cricket data analyst.
5. Useful for interviews, internships, and freelance opportunities.

Conclusion: This project highlights the effective use of business intelligence tools to transform raw cricket data into actionable insights. The combination of visuals and analysis demonstrates strong analytical, technical, and domain-specific skills.