Data Visualisation and Analysis of ICC Cricket World Cup 2023 Using Tableau

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A B S T R A C T

This investigation presents a comprehensive assessment of the 2023 ICC Cricket World Cup through the application of Tableau-driven visualisation techniques. The research utilises an extensive repository of match-level data, incorporating team identities, venue locations, game outcomes, and victory margins alongside individual accolades and scoring statistics. The primary objective is to transform raw sports records into sophisticated analytical narratives via interactive dashboards and specialised visual frameworks.

A diverse array of methodologies, such as bar charts, trend lines, heatmaps, and highlight tables, were employed to measure team efficiency, stadium-specific influences, and player impact. Findings suggest that **India and South Africa** maintained elite performance levels, characterised by high cumulative runs and authoritative winning margins. Spatial analysis revealed distinct scoring trends across host grounds, while athlete-specific metrics identified key performers whose contributions were fundamental to their squads' success.

The study demonstrates how quantitative modelling distils complex datasets to support enhanced strategic planning in the field of **sports analytics**. These results underscore the vital role of visualisation tools in identifying performance patterns and optimising decision-making within the modern professional landscape.