



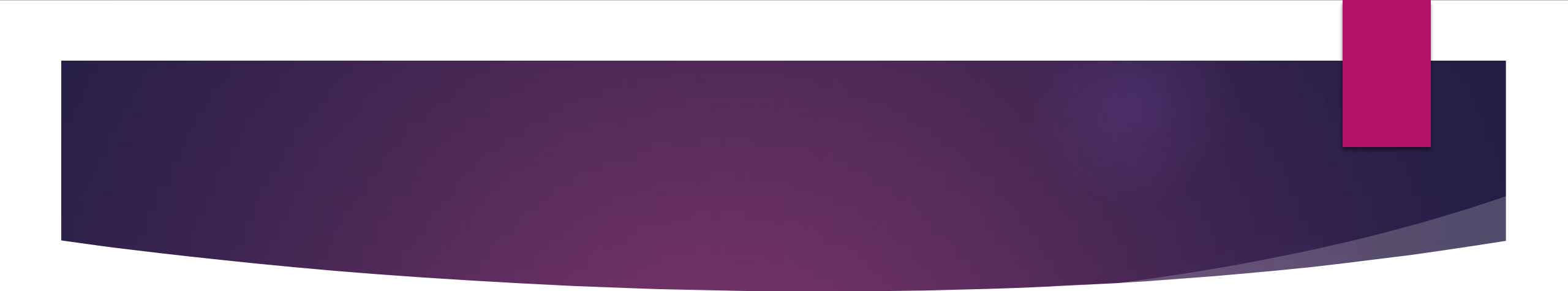
Capstone Sport Analysis Project Report

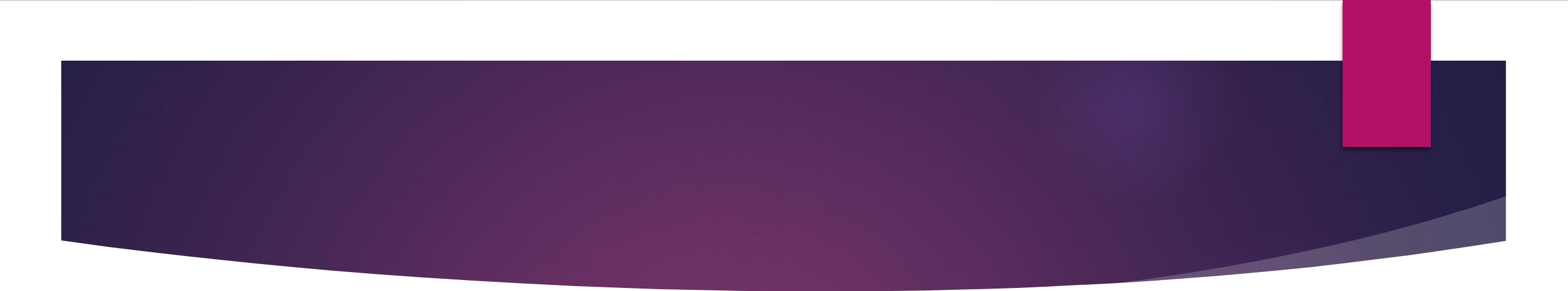


CAPSTONE PROJECT –SPORTS ANALYSIS

SPORTS ANALYSIS

- ▶ 1. Sports Analysis ▶
 - ▶ **1. Historical Trends of the Olympic Games**
 - **Growth of Participation:** You can analyze how the number of participating countries, athletes, and sports has increased over time. For instance, the number of participating nations has grown significantly since the first modern Olympics in 1896. By examining the Games' history, you can track this expansion.
 - **Host Cities Evolution:** By looking at the host cities and countries, you can observe patterns such as how certain countries or cities have hosted the Games multiple times, or how the number of Olympic cities has evolved. This can reflect geopolitical changes or advancements in infrastructure and the global spread of the Games.
 - **Seasonal Distribution:** A breakdown of Summer vs. Winter Olympics can reveal how the distribution of sports and host locations has changed over time. For example, the Winter Olympics' focus on colder climates versus the Summer Olympics' global appeal.
 - ▶ **2. Medal Insights**
 - **Country Performance:** Analyzing which countries consistently perform well in the Olympics can help identify long-term patterns of success. For instance, nations like the United States, Russia, and Germany often dominate the medal counts.
 - ▶ **3. Improvement:** The dataset here is a comprehensive collection of information about the Olympic Games, offering a detailed view of various aspects related to this prestigious international sporting event. It encompasses data from multiple interconnected tables, providing valuable insights into the history, sports, participants, and locations of the Olympic Games. improvement focus on
- ▶ 2. Events Analysis.
- ▶ 3. Athletic Discipline Analysis
- ▶ 4. Region-wise Analysis

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- ▶ Objective:- The objective of this project is to create attractive power bi dashboard utilizing the sample publication database. The dashboard aim to provide valuable insights in to the Olympics organization. The Dashboard objective is to give valuable insight into the Olympics organization. Season-wise analysis and event analysis enable data-driven and strategic planning.
 - ▶ Analysis scope: The analysis focus on various features of the sports process-including Sportsman performance, medals analysis, region wise analysis affect the performance
Of person improve region-wise participation of sports person.
 - ▶ Goal – The primary aim of the power bi Dashboard is to create a view of sports, So that we can easily understand the participation of sports person geographically and event- wise participation of sports person and the growth of Olympics from starting to till now. So can do improvisation effectively and create effective policy for sports growth.

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- ▶ Insight & Recommendations:- The Power Bi Dashboard create a valuable insight into sports person and top gold medallist region-wise, season wise distribution and gender-wise participation, It recommend to boost the region-wise participation and sport-person work to get gold medals,
 - ▶ Report & Presentation:- The Final Report contain detail report that tell the data source , Data Modelling techniques used in the reports . Dashboard report cover all solution step by step and guide how interpret the insight and use the dashboard for decision making. The Presentation cover the display and key value, visualization and applicable recommended obtain from the dashboard' analysis.

Valuables

- ▶ The Power Bi Dashboard with report and presentation, represent a powerful tool for the sports company person. It help them to make decisions, decide the strategy to improve the overall performance of sports and sportsmen's in the competitive world.

