SYNOPSIS

TITLE OF THE PROJECT

Paris Olympics 2024 Data Analysis using Python and PowerBI

INTRODUCTION

The Olympic Games are one of the most significant sporting events globally, uniting athletes from around the world in a celebration of sportsmanship and competition. The 2024 Summer Olympics, set to be held in Paris, promise to continue this rich tradition. With the rise of data analytics, there is an increasing opportunity to gain deep insights into the performance, trends, and outcomes of the games.

This project explores the potential of data analysis tools like Python and Power BI to analyze the extensive datasets generated by the Olympics. Python will be used for data extraction, cleaning, and preliminary analysis, while Power BI will create dynamic and insightful visual representations. The ultimate goal is to provide stakeholders, such as analysts, sports organizations, and fans, with comprehensive insights into the 2024 Paris Olympics, enhancing the overall understanding and appreciation of the event.

OBJECTIVES

The objective of this project is to perform data analysis on the 2024 Paris Olympics using Python and Power BI. The analysis aims to uncover insights into athlete performances, medal distributions, and event trends. It will involve the collection, cleaning, and visualization of Olympic data to help stakeholders understand key statistics such as country rankings, athlete demographics, and historical comparisons. The project will leverage Python for data preprocessing and Power BI for interactive visualizations, ultimately providing meaningful conclusions and predictions.

TEAM MEMBERS

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