

## SPORTS ANALYSIS

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graph LR; A[SPORTS ANALYSIS] --> B[GAME ANALYSIS]; A --> C[SPORTS & EVENTS ANALYSIS]; A --> D[ATHLETE PROFILES]; A --> E[MEDALS ANALYSIS]; A --> F[NOCs ANALYSIS];
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### GAME ANALYSIS

- Analyze each Olympic Games edition separately to understand trends over time.
- Examine the impact of host countries on various aspects of the games.
- Verify that each game city corresponds to a specific location without overlap.

### SPORTS & EVENTS ANALYSIS

- Evaluate the popularity of different sports over time.
- Identify trends in the introduction of new sports and their reception.
- Analyze the number of events per sport and changes in event formats.

### ATHLETE PROFILES

- Break down participant demographics by gender, age, nationality, etc.
- Investigate patterns in athlete's performance across different editions.
- Ensure that each athlete profile is unique and non-overlapping.

### MEDALS ANALYSIS

- Compare the total medal count across different editions and countries.
- Create mutually exclusive categories for medals (Gold, Silver, Bronze) using the medals field.
- Identify trends in the types of medals won.

### NOCs ANALYSIS

- Assess the representation of different regions and continents in the Olympics.
- Determine regions or countries that have historically performed well in specific sports or events.