Navigate360 Case Study

The following is a Case Study meant to demonstrate both your technical skills and presentation ability.

**Goals**

You have been asked to investigate a dataset containing descriptions of Olympians throughout history. Your task is to extract insightful information from this dataset and present the analytical ‘story’ to a group of stakeholders.

**We have provided a list of questions meant to stimulate ideas, but if you prefer to extract your own insights that is also satisfactory.**

1. How do Medal winners differ from non-Medal winners? Are there any patterns, for example in age, height, or weight?
2. How have the Medal winners evolved over time? What about the Olympic Games themselves?
3. Which Olympians are the most impressive? Why?
4. Investigate USA’s rate of success. What countries are our biggest competitors? Which events are our biggest weaknesses?

**Details**

* Presentation format and software are up to you!
* You can use whichever analysis tool(s) you prefer, but please be prepared to walk through any analyses you performed.
* The presentation itself should take approximately 30 minutes, which will leave ample time for questions about both content and underlying methodologies.
* You are welcome to append additional data to these records if you believe it will enable greater insights.
* **Everyone involved is aware you had only 48 hours for this exercise!** If needed, you are welcome to provide a list of work you would have completed had you been given more time.

**Data Dictionary**

ID: Unique number for each athlete

Name

Sex

Age (years)

Height (centimeters)

Weight (kilograms)

Team: Team name

NOC: National Olympic Committee 3-letter code

Games: Year and season

Year

Season

City: Host city

Sport

Event

Medal: Gold, Silver, Bronze, or NA