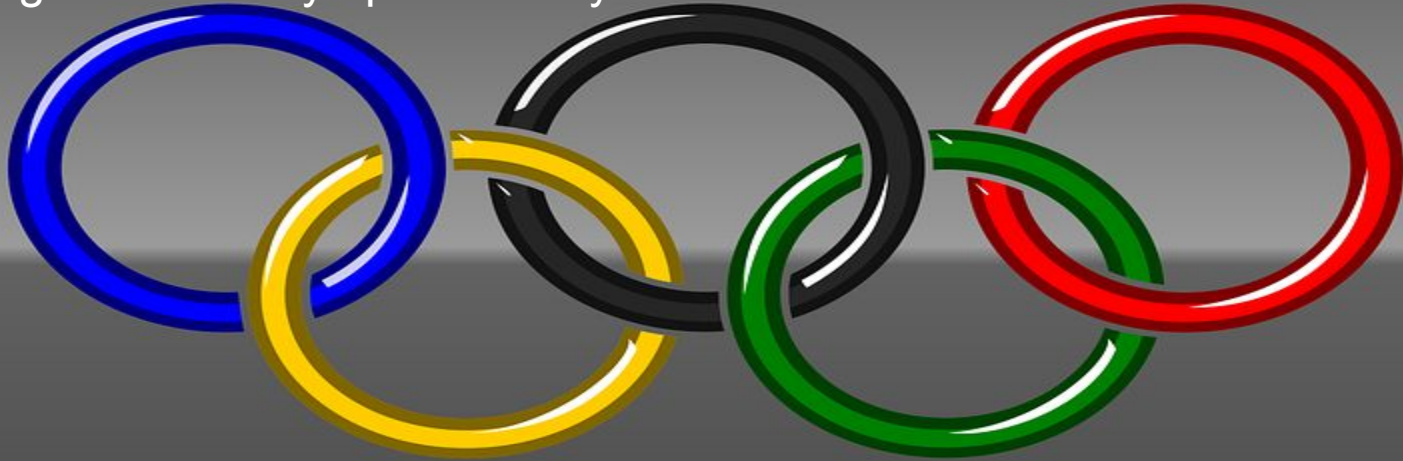




Predicting medal placement in the Olympics based on BMI  
Summer and Winter Olympics

# Reason for Topic

Upcoming Summer Olympics in Tokyo



# Data

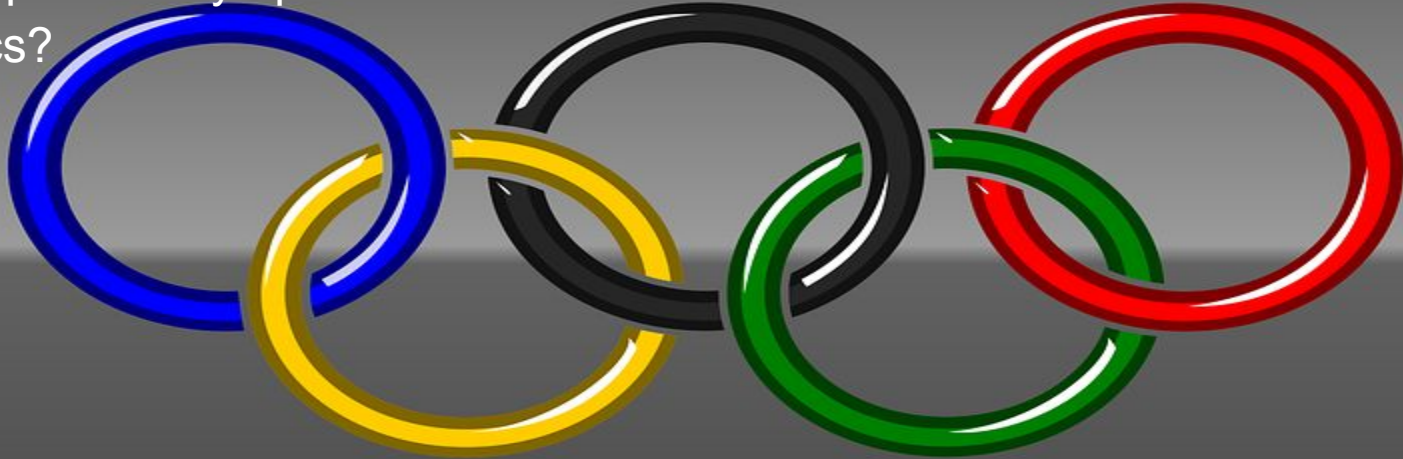
## 120 years of Olympic Results

Data on athletes and medal results from Athens 1896 to Rio 2016 from Kaggle



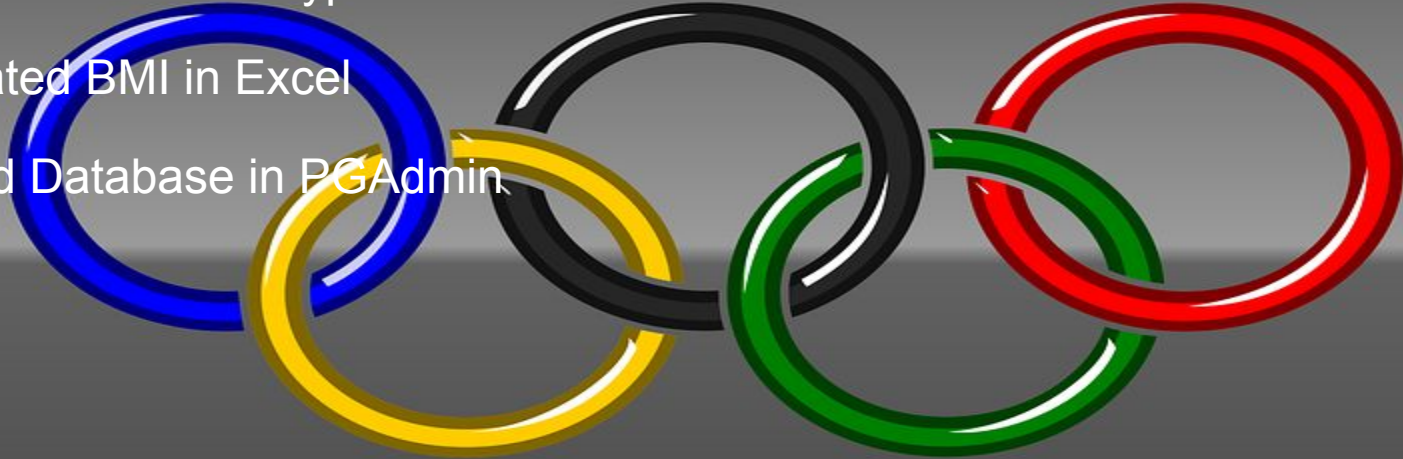
# Question

Can we predict Olympic winners based on BMI in the Summer and Winter Olympics?



# Data Exploration

- Cleaned Data with Jupyter Notebook and Excel
- Calculated BMI in Excel
- Created Database in PGAdmin



# Data Analysis

- Encoded Data
- Dropped useless columns
- Neural Network
- Features include Age, Height, Weight, and BMI
- Target is the Medal column

