

# AMOD-5240H Project EDA Summary Statistics

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Table 1: Summary Statistics for Continuous Variables

| Statistic     | Value  |
|---------------|--------|
| Mean_Age      | 25.56  |
| Median_Age    | 24.00  |
| Min_Age       | 10.00  |
| Max_Age       | 97.00  |
| SD_Age        | 6.39   |
| IQR_Age       | 7.00   |
| Mean_Height   | 175.34 |
| Median_Height | 175.00 |
| Min_Height    | 127.00 |
| Max_Height    | 226.00 |
| SD_Height     | 10.52  |
| IQR_Height    | 15.00  |
| Mean_Weight   | 70.70  |
| Median_Weight | 70.00  |
| Min_Weight    | 25.00  |
| Max_Weight    | 214.00 |
| SD_Weight     | 14.35  |
| IQR_Weight    | 19.00  |

Table 2: Proportion of Athletes by Sex

| sex | n      | Proportion |
|-----|--------|------------|
| F   | 74522  | 0.2748713  |
| M   | 196594 | 0.7251287  |

Table 3: Proportion of Medal Winners

| medal  | n      | Proportion |
|--------|--------|------------|
| Bronze | 13295  | 0.0490381  |
| Gold   | 13372  | 0.0493221  |
| Silver | 13116  | 0.0483778  |
| NA     | 231333 | 0.8532621  |

Table 4: Medal Distribution by Mdeal Type Sex

| medal  | Count_F | Count_M | Proportion_F | Proportion_M |
|--------|---------|---------|--------------|--------------|
| Bronze | 3771    | 9524    | 0.0139092    | 0.0351289    |
| Gold   | 3747    | 9625    | 0.0138207    | 0.0355014    |
| Silver | 3735    | 9381    | 0.0137764    | 0.0346014    |
| NA     | 63269   | 168064  | 0.2333651    | 0.6198970    |

## Age Distribution by Sport



