

# EXPLORING SUPERHEROES

Shown below are the 'intelligence' scores for 30 superheroes drawn from a Kaggle dataset with over 1000 heroes.

```
85 100 80 80 80 90 95 75 85 100
100 100 75 70 85 90 75 85 80
90 95 90 60 95 100 95 95 90 90
90 75 85 80 80 95 75 95 80 75
```

- What is the average intelligence score from the sample of heroes?
- What is the median of the dataset?
- What is the range of the dataset?
- What is the minimum of the dataset?
- What is the maximum of the dataset?
- Visualize the distribution of superhero intelligence scores using a histogram
- Visualize the distribution of superhero intelligence scores using a boxplot
- What is the standard deviation of the sample of heroes? What does this mean?