2024-06-09

Students list

- What is the proportion of male and feamle
- What is the average height for male and female
- waht is the most common blood type
- convert height to m
- sort dataframe by gender and blood type
- create pivot table with gender in rows, blood type in column and count as values.
- calculate BMI of students

Titanic dataset

- How may passengers do we have the data for?
- What are the different columns present in the dataset
- What is the datatype of different columns
- How many datapoints are missing in each of the columns?
    - How could we fill those values?
- What was the maximum age of passenger? Minimum age?
- What was the minimum fare? The Maximum fare? the average fare?
- What was the approximate year in which the passengers were born?
- What % of passenger survived
- How many male/female were on board, how many passenger were in each class?
- What was the propotion of male to female passenger
- What was the proportion of male/female based on survival
- What was the chance of survival based on:
    - sex
    - age group (<16, 16-50, > 50)
    - passenger class
    - Combination of above?
- Show the age distribution per ticket class, per sex
- Distribution of ticket price by class

Curiosity

- Which ticket class did most of the largest families get? And which ticket class has the lowest proportion of female passengers who travelled solo out of all the female passengers in that class?
- Who was the oldest/youngest passenger
- Who were the oldest/youngest to survive/ die
  - Oldest/ youngest by sex, class
- How many doctors were on board?