



**TASK**

# Capstone Project - Data Visualisation

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# Introduction

## WELCOME TO THE CAPSTONE PROJECT - DATA VISUALISATION TASK!

Great job! You have reached another capstone project in this bootcamp. For this task, we will be applying both our data analytics and visualisation skills to a real-life dataset.

As you have already learnt, as a Data Scientist you need to be able to display a very important set of skills. You need to be able to write code that can be used to clean, organise, analyse and visualise data. These coding and analytical skills need to be combined with the ability to communicate your findings to stakeholders effectively.

In this task, you will be given the opportunity to showcase all the skills which you have been developing throughout this bootcamp. You will be tasked with analysing a dataset of your choice. Furthermore, you will create a report that contains several data visualisations that will clearly communicate your findings.

## Capstone Project

- Choose from the following datasets contained in this folder:
  - Diabetes
  - Forbes Highest Paid Athletes 1990-2020
  - Hourly Wage Data
  - Penguins
  - Titanic
  - US arrests
  - Wine
- Using the EDA document template provided, create a report that includes the following:
  - A brief description of the dataset you have chosen
  - A description of how your dataset was cleaned
  - A description of how you managed missing data
  - A detailed description of your findings accompanied by appropriate visualisations

- A wide selection of appropriate data visualisations. Besides Matplotlib, we encourage you to explore and use libraries with more interesting visualisations

Ensure that your report is professional! Remember, such a report can be added to your professional portfolio.



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