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UCD Certificate in Introductory Data Analytics

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Description automatically generated

Global Alcohol Consumption

Project Report

# GitHub URL: <https://github.com/sdunne1/UCDPA_SineadDunne>

# Abstract

<<Give a short overview of the entire project and features>>

# Introduction

<<Explain why you chose this project use case>

Limitations:

* Data set was published in 2010
* Not a full list of all countries in the world
* Dataset only contains three types of alcohol, and globally there are many more.
* Possible skewed figures from countries where Islam is the predominant religion.

# Dataset

<<Provide a description of your dataset and source. Also justify why you chose this source>>

# Implementation Process

<<Describe your entire process in detail>>

# Results

<<Include the charts and describe them>>

With more time, I would have revisited WHO website to pull latest data available. This would have allowed me to showcase with visualisations, the increases and reductions in each type of alcohol by country, and by continent.

# Insights

<<Point out at least 5 insights in bullet points>>

# References

|  |  |
| --- | --- |
| **KAGGLE** | <https://www.kaggle.com/codebreaker619/alcohol-comsumption-around-the-world> |
| **FIVETHIRTYEIGHT** | <https://fivethirtyeight.com/features/dear-mona-followup-where-do-people-drink-the-most-beer-wine-and-spirits/> |
| **DATACAMP** | <https://learn.datacamp.com/custom-tracks/custom-certificate-in-introductory-data-analytics-6859d143-be7b-49e0-ad09-007f207ad33c> |
| **PYTHON DOCS** | <https://docs.python.org/3/> |
| **PANDAS DOCS** | <https://pandas.pydata.org/docs/> |

Visualisations:

Most popular drink in each continent; of the three listed

Average pp py by continent

Insights:

Top 5 countries for total volume

Biggest wine drinkers outside of Europe

Biggest spirit drinkers outside of Asia