



Data Scientist Internship

Test

DRC DANISH
REFUGEE
COUNCIL

Task

This test is designed to test your ability to find, identify, visualize and use data.

Afghan refugees

Data on refugees can be found at UNHCR.

IDMC is the go-to for data on internal displacement

Most other country factors can be found at the World Bank Data

- Which countries host the most Afghan refugees and asylum seekers? Create a plot of the Top 10 and a plot of the Top 5 countries with the biggest increase from 2017 to 2018. Where did you find the data and how did you decide to visualize it?
- Is there a relationship between the number of Afghan refugees and asylum seekers in a country and the distance between that country and Afghanistan?
- Visualize for the last 10 years: total number of refugees and asylum seekers from Afghanistan together with the number of internally displaced from Afghanistan.
- If you were to design a model for forecasting next year's refugees and asylum seekers from Afghanistan, what type of model would you want to try and what kind of input do you think is needed for it to work? (NB: You do not need to actually build the model.)