**Assignment 1: Analysis Of Met Office Data**

**04 September 2022**

You are provided with daily mean climate variables from the met office. Your task is to analyze the data and provide a general climate report for a selected meteorological station. You should include:

1. Wind roses for max/mean wind for the duration of the data and a monthly breakdown.
2. Monthly mean rainfall for the selected station.
3. Monthly mean sunshine for the selected station.

Students should provide the python file or the python notebook file in addition to the written report.

You could include other data such as number of rainy days per month for the station. The maximum wind observed, number of consecutive stormy days with high wind or high rain fall either through out the duration or rainfall pattern.

**Marking Criteria**

Marks will be awarded on the basis of the analysis. Inclusion of compulsory plots will cover 85% of the total allocated marks, while the remaining will be judged on the creativity. You may work in groups no larger than two-three students.