Week-10 Assignment

- Lakukan **clustering** stasiun cuaca berdasarkan rata-rata suhu, suhu maksimum dan suhu minimum menggunakan Density-Based Methods (DBSCAN).
  - Data: weather-stations.csv
  - (opsional) Visualisasikan hasilnya
- Tulis laporannya
  - Hasil eksplorasi (kode program, output, dan penjelasan)
  - Lesson learned
  - Insight
  - Summary
  - Referensi
  - Kirim dalam **format pdf**: W10_<NIM>_<Nama>.pdf ke Ms.Teams paling lambat hari ini pukul 17:55.

Keterangan nama kolom data weather-stations.csv

- Stn_Name === Station Name
- Prov === Province
- Tm === Mean Temperature (°C)
- Tn === Lowest Monthly Minimum Temperature
- Tx === Highest Monthly Maximum Temperature
- DwTm === Days Without Valid Mean Temperature
- DwTx === Days Without Valid Maximum Temperature
- DwTn === Days Without Valid Minimum Temperature
- D === Mean Temperature Difference from Normal
- S === Snowfall (cm)
- DwS === Days Without Snowfall
- S%N === Percent of Normal Snowfall
- P === Total Precipitation (mm)
- DwP === Days Without Valid Precipitation
- P%N === Percent of Normal Precipitation
- Pd === No. of days with precipitation 1mm or More
- BS === Bright Sunshine days
- DwBS === Days Without valid Bright Sunshine
- BS% === Percent of Normal Bright Sunshine
- HDD === Degree Days Below 18◦C
- CDD === Degree Days Above 18◦C
- Stn_No === Station Number; Climate Station Identifier (1st 3 Digits==Indicate drainage basin, Last 4 Digits Sorting Alphabetically)