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Modul 7

Data Preprocessing

Percobaan

The screenshot displays two software interfaces used for data preprocessing. On the left is the Weka Explorer window, and on the right is the Visual Studio Code editor.

Weka Explorer Interface:

- Preprocess Tab:** Shows the current relation as 'Cuaca' with 14 instances and 5 attributes. The 'Selected attribute' is 'Cuaca', which is nominal with 3 distinct values and 0 missing values.
- Attributes List:** A table listing attributes: Cuaca, Suhu, Kelembaban_Udara, Berangin, and Bermain_Tenis.
- Selected attribute Table:** A table showing the distribution of the 'Cuaca' attribute.
- Class: Bermain_Tenis (Nom):** A bar chart showing the distribution of the 'Bermain_Tenis' attribute.

No.	Label	Count	Weight
1	Cerah	5	5.0
2	Mendung	4	4.0
3	Hujan	5	5.0

Label	Count
Cerah	5
Mendung	4
Hujan	5

Visual Studio Code Editor:

- File Explorer:** Shows the file 'Cuaca.arff' in the 'C:\Users\LABSI-03\Documents\New folder' directory.
- Editor:** Displays the contents of 'Cuaca.arff', which is an ARFF file format. It includes a header section with attribute definitions and a data section with 14 instances.

```
@relation Cuaca
@attribute Suhu real
@attribute Kelembaban_Udara real
@attribute Berangin {YA,TIDAK}
@attribute Bermain_Tenis {YA,TIDAK}

@data
Cerah,85,85,TIDAK,TIDAK
Cerah,80,90,YA,TIDAK
Mendung,83,86,TIDAK,YA
Hujan,70,96,TIDAK,YA
Hujan,68,80,TIDAK,YA
Hujan,65,70,YA,TIDAK
Mendung,64,65,YA,YA
Cerah,72,96,TIDAK,TIDAK
Cerah,69,70,TIDAK,YA
Hujan,75,80,TIDAK,YA
Cerah,75,70,YA,YA
Mendung,72,90,YA,YA
Mendung,81,75,TIDAK,YA
Hujan,71,91,YA,TIDAK
```