

# What Is Data Science?: Types of Data

- **Structured Data**

- ❖ Organized and stored in a fixed format (e.g., databases, spreadsheets).

- ❖ Examples:

- Customer records (Name, Age, Email)

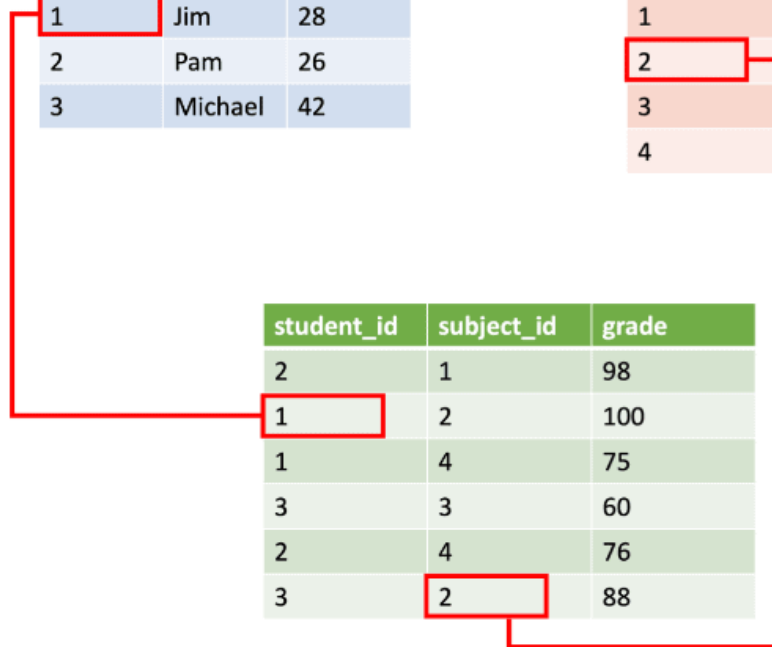
- Sales data (Price, Quantity, Date)

- SQL Databases

id	name	age
1	Jim	28
2	Pam	26
3	Michael	42

id	subject	Teacher
1	Languages	John Jones
2	Track	Wally West
3	Swimming	Arthur Curry
4	Computers	Victor Stone

student_id	subject_id	grade
2	1	98
1	2	100
1	4	75
3	3	60
2	4	76
3	2	88



# What Is Data Science?: Types of Data

- **Unstructured Data**

- No predefined format, making it harder to process.

- Examples:

- ❖ Text documents, emails, social media posts

- ❖ Images, videos, audio files

- ❖ Sensor data, logs

