Different Types of Data Manipulation

> Tags: Data, Data Manipulation, selecting, Projecting, Joining, Linking, [[]]

Manipulating Data

Selecting

Eliminating rows according to a certain criteria.

- The Department manager might want to find the department number for Project 226, a sales manual project
- or all projects performed by Department 598, Marketing

Selecting ExcaliDraw

Projecting

Eliminating columns in a table

- A sales manager might want to create a new table out of Department Table that contains only the department number and the Social Security Number of the manager in charge.

Projecting ExcaliDraw

Joining

Combining two or more tables

- Combine the Project Table and the Department Table to create a new table with the project number, project description, department number, department name, and SSN for the manager in in charge of the project

Joining ExcaliDraw

Linking

Combining two or more tables through common data with only unique data attributes.

- The president of a company wants to find out the name of the manager of the sales manual project as well as the length of time the manager has been with the company.

Linking ExcaliDraw