- operands
  - relations
  - variables for computing new values
- operators
  - traditional set operations
  - specific relational operations
    * sorting
    * deduplification
  - types
    * [[Basic Operators]]
    * [[Derived Operators]]
    * extended
  - e.g.

■ **Basic Operations** (minimal)

- ■ Cartesian product **R×S**
- ■ Union **R∪S**
- ■ Difference **R–S**
- ■ Projection $\pi_{i_1, \ldots, i_m}(R)$
- ■ Selection $\sigma_F(R)$

■ **Derived Operations**

- ■ Intersection **R∩S**
- ■ Join **R⋈S**
- ■ Division **R÷S**

    *

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	Traditional Set Operations	Specific Relational Operations
Basic Operations	**R×S** **R∪S** **R−S**	$\pi_{i_1, \ldots, i_m}(R)$ $\sigma_F(R)$
Derived Operations	**R∩S**	**R⋈S** **R÷S**

[[Data Models]]