A CsvPath Cheatsheet

Validation Strategies
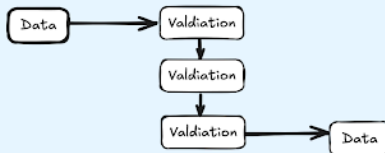
Simple validation

Data → Valdiation → Data

Single-source, Multiple-output

Data →
- Valdiation → Data
- Valdiation → Data
- Valdiation → Data

Breadth-first

Data → Valdiation → Valdiation → Valdiation → Data

Serial source

Data → Valdiation → Data → Valdiation → Data

Rewind/Replay

Data → Valdiation → Data → Valdiation → Data
Data → Valdiation → Data → Valdiation → Data
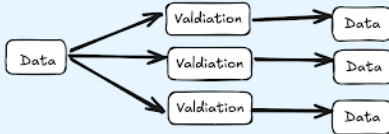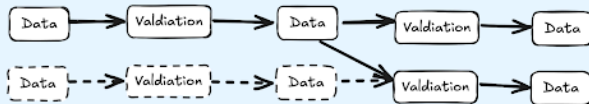
Validation Patterns

When / do

Data → When → Assert → Do →
- Assert
- Side-effect

Validate

Data → Assert →
- Exception →
- Boolean →

One of...
- Fail & continue
- Fail & stop
- Stop
- Raise exception
- Print exception

Output

Data → Side-effect →

One of...
- Print
- Set variable
- Include
- Collect
- Replace
- Reset headers
- Skip
- Advance
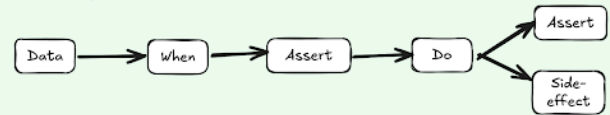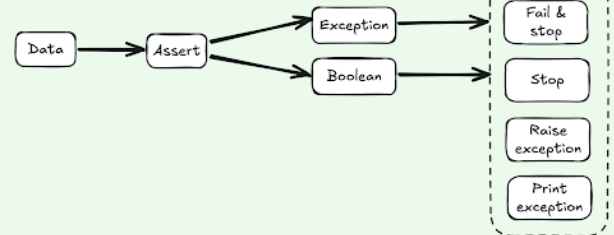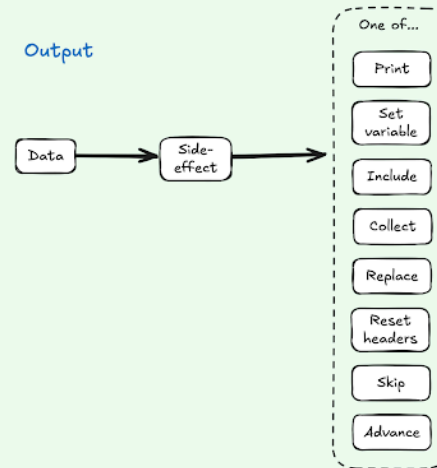
Validation Results

Events generated

Data loaded → Data ready → Data
Validation loaded → Valdiation ready → Validation

- Run started
- Validation started
- Validation completed
- Run completed

Data files generated

Data manifest → Data ready → Data
Validation manifest → Valdiation ready → Validation

Run manifest

- Instance manifest
- Matched, shaped, (in)valid lines
- Unmatched lines
- Metadata (runtime and user defined)
- Errors
- Printouts
- Transfer(s)