Pydantic quick tutorial

Why we need Pydantic

1. Let's do some **dataclass demo**

2. Pydantic exploits type annotations to infer types (bronze style)

3. Pydantic runs data tests (silver style)

4. Alternatives exist -> Marshmallow (verbose, pre-typing)

agile actors

Examples Demo

We will go some examples and see how bronze and silver is done

Fields Demo

How to annotate fields

Validators Demo

Data testing dbt style

Gurobi codebase

How things are implemented