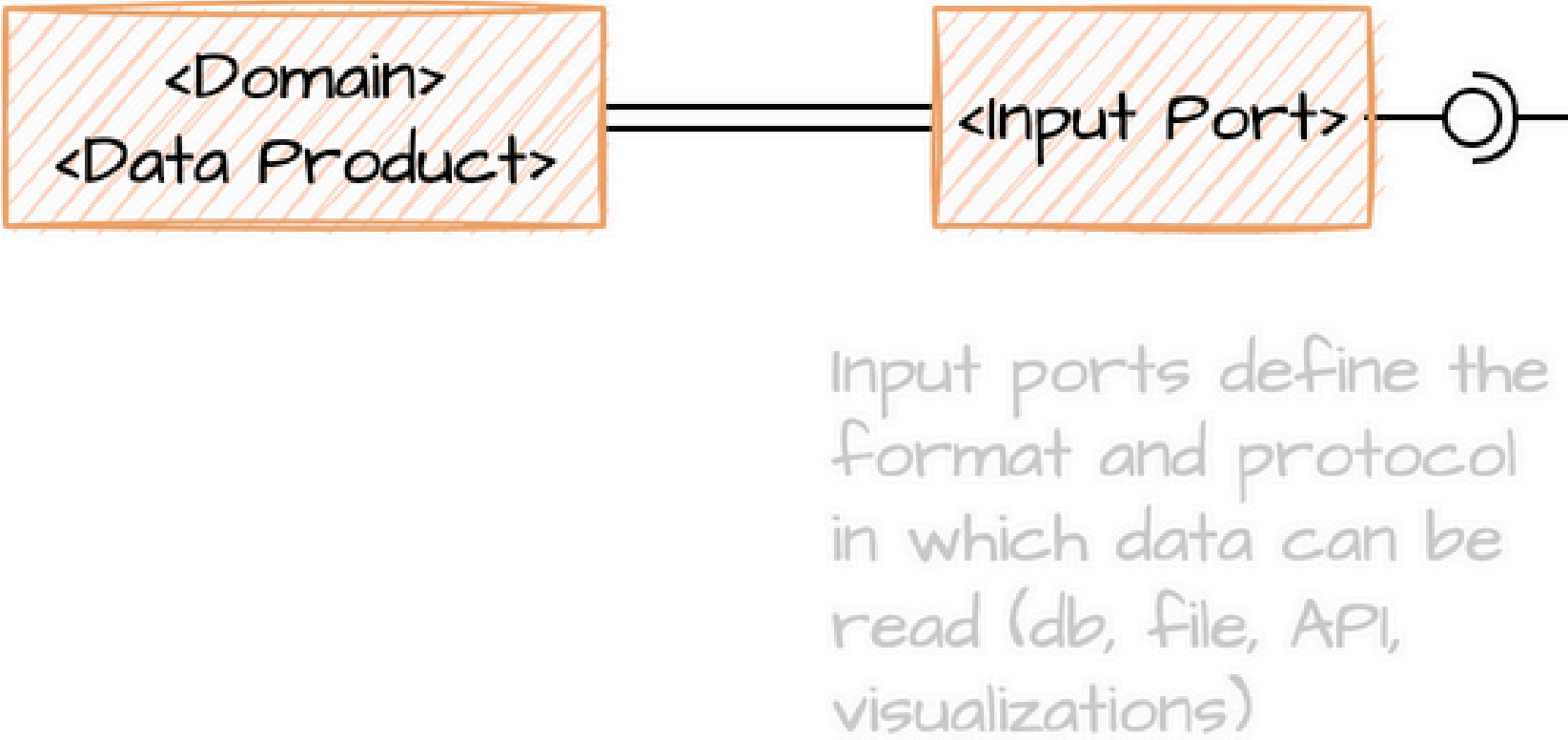
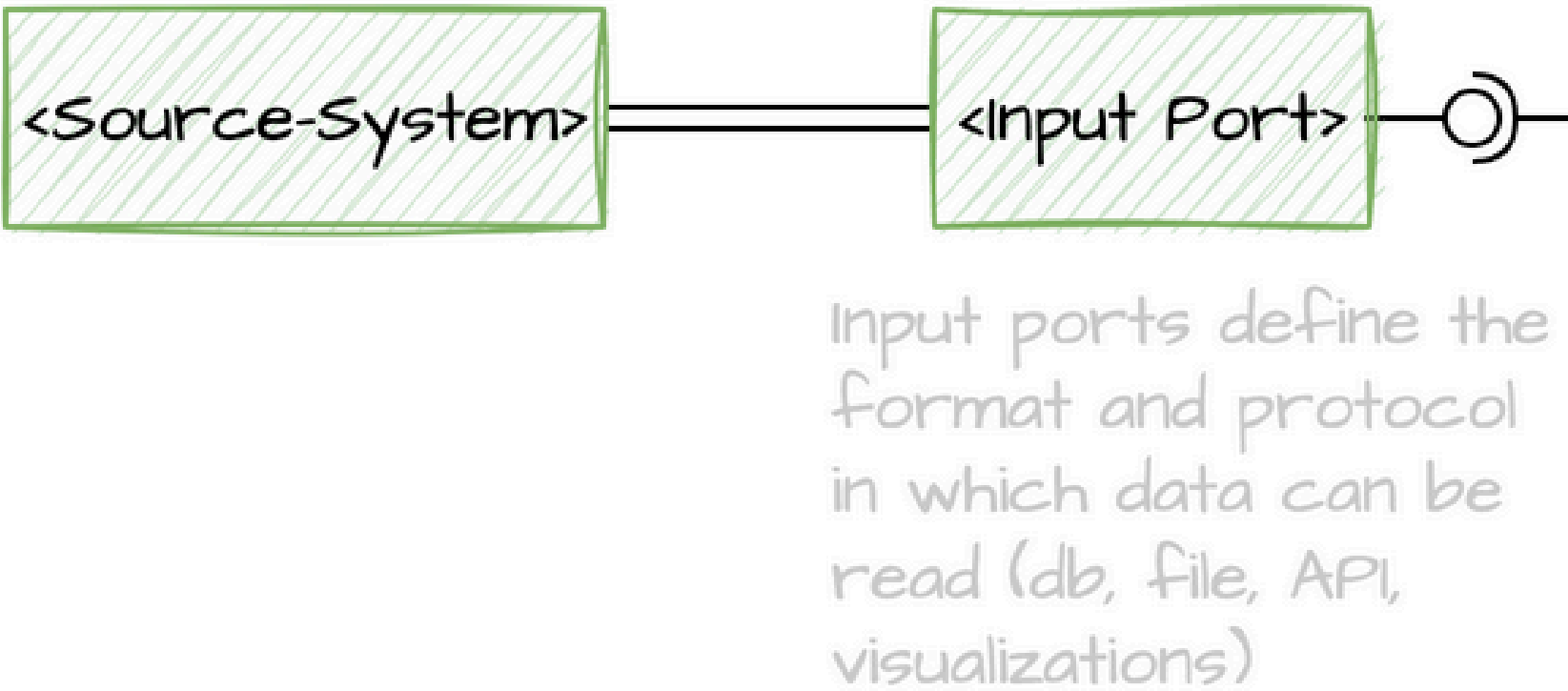


Data Product Design

Describe everything you need to design a data product on a conceptual level.

Ingestion, storage, transport, wrangling, cleaning, transformations, enrichment, augmentation, analytics, SQL statements, or used data platform services.



Output Port(s)

**<Output Port>** Output ports define the format and protocol in which data can be exposed (db, file, API, visualizations)

Metadata

**<Ownership>** Domain, data product owner, organizational unit, license, version and expiration date

**<Schema>** Attributes, data types, constraints, and relationships to other elements

**<Semantics>** Description, logical model

**<Security>** Security rules applied to the data product usage e.g. public, org. internal, PII attributes

Observability

**<Quality Metrics>** Requirements and metrics such as accuracy, completeness, integrity, or compliance to Data Governance policies.

**<Operational Metrics>** Interval of change, freshness, usage statistics, availability, number of users, data versioning etc.

**<SLOs>** Thresholds for service level objectives to set up alerting

Consumer

Who is the customer of the Data Product?

Use Case

We believe that <...>  
Will help achieving <...>  
We know, we are getting there based on <...>, <...>, <...>

Classification

The nature of the exposed data (source-aligned, aggregate, consumer-aligned)

Ubiquitous Language

Context-specific domain terminology (relevant for Data Product)      Data Products polysemes, which are used to create the current Data Product