

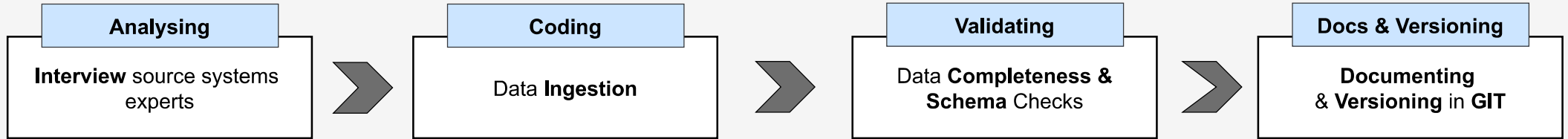
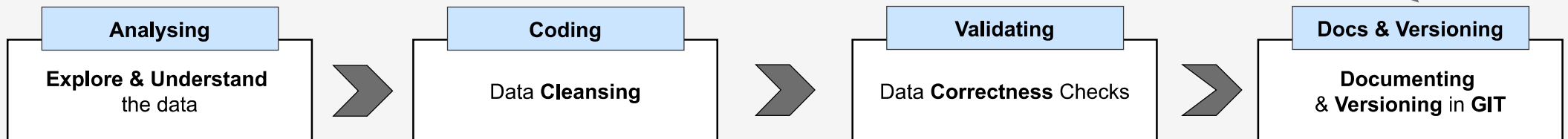
 <b>Bronze Layer</b>	 <b>Silver Layer</b>	 <b>Gold Layer</b>
Definition	Raw data (As is, Unprocessed)	Clean & standardized data	Business-Ready data
Objective	Tracability & Debugging	Prepare Data for Analysis (Intermediate Layer)	Provide data ready for reporting & analytics
Object Type	Tables	Tables	Views
Load Method	Full Load (Truncate & Insert)	Full Load (Truncate & Insert)	None
Data Transformation	None (as is)	Data <b>Cleaning</b> Data <b>Standardization</b> Data <b>Normalization</b> Derived Columns Data <b>Enrichment</b>	Data <b>Integration</b> Data <b>Aggregation</b> Business Logic & Rules
Data Modelling	None (as is)	None (as is)	Start Schema Aggregated Objects Flat Tables
Target Audience	Data Engineers	Data Engineers Data Analysts	Data Analysts Business Users



## Bronze Layer



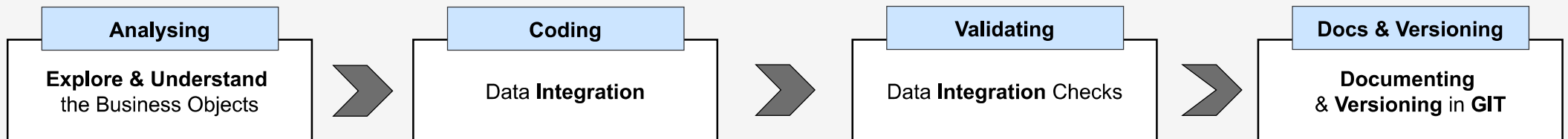
## Silver Layer



Data Flow  
Data Integration



## Gold Layer



Data Model  
Data Catalog  
Data Flow

## Source System Interview

### Business Context & Ownership

Who is **the data owner**?

What **Business Process** it supports?

System & Data **Documentation**

Data **Model** & Data **Catalog**

### Architecture & Technology stack

How is the data **stored**?  
(SQL Server, Oracle, AWS, Azure, ...)

What are the **integration capabilities**?  
(API, Kafka, File Extract, Direct DB, ...)

### Extract & Load

**Incremental** vs. **Full Load** ?

Data **Scope** & **Historical** Needs

What is the expected **size** of the **extracts**?

Are there any data **volume limitations**?

How to **avoid impacting** the source system's **performance**?

**authentication** and **authorization**  
(tokens, SSH keys, VPN, IP whitelisting, ...)