

IBM Cognos:

1. Data Sources:

- **Data Connections:** Information about the connections to databases, data warehouses, or other sources.
- **Packages:** Metadata packages that are published and used for reporting. Packages contain business models and mapping between the data sources and report objects.
- **Namespace:** Logical groupings of metadata elements within a package (e.g., dimensions, measures).

2. Framework Manager Model:

- **Logical Model:** Definitions of business terms, dimensions, facts, and measures.
- **Physical Model:** Definitions of the actual physical data sources, including tables, views, and relationships.
- **Relationships:** Keys, joins, and cardinalities between tables in the physical layer.

3. Namespaces:

- **Business Namespace:** Business logic definitions of the data model that are user-friendly.
- **Physical Namespace:** Actual source data, including schema names and tables.

4. Dashboards:

- **Widgets:** Components used for displaying data in the dashboard, including tables, charts, and graphs.
- **Dashboard Pages:** Pages within a dashboard containing one or more reports or widgets.

5. Data Items:

- **Measures:** Numerical values or metrics in reports.
- **Calculated Fields:** Derived or calculated fields based on expressions or formulas.
- **Filters/Conditions:** Constraints or conditions applied to data to limit the output.

Report Studio (Part of IBM Cognos):

1. Report Layout:

2. Queries:

- **Data Queries:** SQL, MDX, or DMR queries used to fetch data for the report.
- **Calculated Fields:** Fields that are calculated based on the logic or expressions applied.
- **Query Filters:** Filters applied to limit the data returned by the query.

3. **Sections and Groups:**

- **Sections:** Logical groupings of data to divide reports into distinct segments.
- **Grouping:** Grouping definitions based on fields in the dataset, used for summaries and subtotals.

4. **Data Items:**

- **Report Columns:** Columns used in the report, including dimensions and measures.
- **Summaries and Aggregates:** Definitions of summary fields, aggregates (e.g., sum, average), and subtotals

5. **Pages**