**Comprehensive Project Document List**

1. **Business Requirements Documentation:**

* **Purpose:**
  + Defines the project's goals and objectives from a business perspective.
  + Outlines the information needs of stakeholders.
  + Establishes the scope of the data warehouse and reporting system.
* **Content:**
  + Business goals and objectives.
  + Key performance indicators (KPIs) and metrics.
  + Reporting requirements and frequency.
  + Stakeholder roles and responsibilities.
  + Data usage scenarios.

**2. Data Source Documentation:**

* **Purpose:**
  + Provides a clear understanding of the origin of the data.
  + Facilitates data quality and validation.
  + Aids in troubleshooting data issues.
* **Content:**
  + Source system descriptions.
  + Data source locations and access methods.
  + Data source schemas and data dictionaries.
  + Data extraction frequency and methods.
  + Data quality rules and validation procedures.

**3. Data Warehouse Design Documentation:**

* **Purpose:**
  + Describes the architecture and structure of the data warehouse.
  + Explains the data modeling approach.
  + Provides a blueprint for future development and maintenance.
* **Content:**
  + Data warehouse architecture diagrams.
  + Data modeling diagrams (e.g., star schema, snowflake schema).
  + Dimension and fact table descriptions.
  + Data storage and partitioning strategies.
  + ETL (Extract, Transform, Load) process flows.

**4. ETL Documentation:**

* **Purpose:**
  + Documents the data transformation and loading processes.
  + Ensures consistency and reproducibility of data transformations.
  + Facilitates troubleshooting and performance optimization.
* **Content:**
  + ETL process flows and data lineage.
  + Data transformation rules and logic.
  + Data quality checks and error handling.
  + ETL scheduling and monitoring procedures.
  + Source to target mapping documents.

**5. Data Dictionary and Metadata:**

* **Purpose:**
  + Provides a comprehensive inventory of data elements.
  + Defines data definitions, formats, and constraints.
  + Ensures data consistency and understanding.
* **Content:**
  + Data element names and descriptions.
  + Data types, lengths, and formats.
  + Data constraints and validation rules.
  + Data lineage and data ownership.

**6. Reporting Documentation:**

* **Purpose:**
  + Documents the design and functionality of reports and dashboards.
  + Provides instructions for report usage and interpretation.
  + Ensures consistency in reporting and analysis.
* **Content:**
  + Report and dashboard designs and layouts.
  + Report parameters and filters.
  + Data aggregation and calculation logic.
  + Report distribution and access controls.
  + Descriptions of the business meaning of the reports.

**7. Operational Documentation:**

* **Purpose:**
  + Provides instructions for system administration and maintenance.
  + Outlines procedures for data backups and recovery.
  + Ensures system reliability and availability.
* **Content:**
  + System administration procedures.
  + Data backup and recovery procedures.
  + System monitoring and performance tuning.
  + Security and access control policies.
  + Troubleshooting guides.