**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.