PMO Delivery Health Dashboard - Data Dictionary

Dataset Type: Simulated Agile PMO portfolio dataset (modeled after common PMO/Jira-style reporting)
Grain: Mixed (portfolio/projects + sprint/work-item + governance logs)

Tables Overview

1. projects.csv (Dimension - Project master)

- **Primary Key:** project_id
- **Purpose:** Portfolio-level attributes used to slice and summarize project health.
- **Key Fields:**
  - project_name - Project title used in dashboards/filters
  - team - Delivery team responsible
  - program - Portfolio grouping
  - status_rag - Health indicator (Green/Amber/Red)
  - priority - High/Medium/Low
  - start_date, target_end_date - schedule window

2. sprints.csv (Dimension - Sprint calendar)

- **Primary Key:** sprint_id
- **Purpose:** Sprint boundaries for trend reporting and sequencing.
- **Key Fields:**
  - sprint_name - Sprint label (Sprint 1..8)
  - sprint_start, sprint_end - sprint date range

3. work_items.csv (Fact - Agile execution)

- **Primary Keys:** work_item_id (unique); Foreign keys: project_id, sprint_id
- **Purpose:** Tracks planned vs completed work, delivery throughput, and defects.
- **Key Fields:**
  - work_type - Story/Bug/Task
  - status - To Do/In Progress/Done
  - points_planned, points_completed - effort planning vs delivery
  - created_date, done_date - used for cycle time and completion logic
  - severity - for bugs (Low/Medium/High/Critical)

4. milestones.csv (Fact - Milestone governance)

- **Primary Key:** milestone_id; Foreign key: project_id
- **Purpose:** Tracks milestone dates/status for executive governance views.
- **Key Fields:**

- o milestone_name
- o due_date
- o status - Not Started/In Progress/Done
- o rag - milestone health indicator (if needed)

5. raid.csv (Fact - RAID log)

- **Primary Key:** raid_id; Foreign key: project_id
- **Purpose:** Tracks Risks/Assumptions/Issues/Decisions (RAID) for PMO reporting.
- **Key Fields:**
  - o type - Risk/Issue/Assumption/Decision
  - o severity - Low/Med/High
  - o probability, impact - for risks
  - o owner, status - Open/Mitigated/Closed
  - o date_opened, due_date, date_closed - aging and closure tracking

6. dependencies.csv (Fact - Dependency tracking)

- **Primary Key:** dependency_id; Foreign keys: from_project_id, to_project_id
- **Purpose:** Tracks cross-team/project dependencies, status, and mitigation.
- **Key Fields:**
  - o dependency_type - Service/API, Content/IA, Data/Measurement, etc.
  - o status - Not Started/In Progress/Blocked/Done
  - o priority - High/Medium
  - o requested_date, due_date
  - o impact_if_late, mitigation
  - o owner_team, owner_name