Data Builder for CRI Profile

The uploaded CRI Profile v2.1 file contains the following sheets relevant to building a robust, product-grade data schema for the CRI Profile Assessment App:

1. **Impact Tiering Questionnaire** – Criteria for determining impact tiers
2. **CRI Profile v2.1 Structure** – Defines the hierarchical structure of the profile (Functions, Categories, Subcategories)
3. **CRI Profile v2.1 Assessment** – Core diagnostic statements and assessment metadata
4. **ListValues** – Enumerated values (likely for dropdowns/selections)
5. **Diagnostic Statements by Tag** – Tags assigned to each diagnostic statement
6. **Subject Tag List** – Metadata on tag taxonomy
7. **EEE Packages** – Examples of effective evidence
8. **DS EEE Packages** – Mapping of diagnostics to evidence
9. **Catalog of Mapped Documents** – Mappings to other frameworks
10. **NIST CSF v2 Mapping** – Crosswalk to NIST CSF

I’ll now analyze the core sheets: **CRI Profile v2.1 Structure**, **CRI Profile v2.1 Assessment**, and **Impact Tiering Questionnaire** to propose a normalized data model and table schema.

Based on the sheet contents, here's a draft of the **normalized data model and table schema** for the CRI Profile Assessment App, aligned for product-grade deployment:

**🔧 Core Table Schema**

**1. ProfileStructure**

Represents the hierarchical levels: Function → Category → Subcategory.

| **Column Name** | **Data Type** | **Description** |
| --- | --- | --- |
| OutlineId | STRING | Unique structural ID (e.g., "003") |
| Level | STRING | "F", "C", or "S" for Function, Category, Subcategory |
| ProfileId | STRING | Code for the structure level (e.g., "GV.OC") |
| Label | STRING | Name of the Function/Category/Subcategory |
| DiagnosticStatement | TEXT | CRI Diagnostic Statement at this level (optional) |
| Tier1 – Tier4 | BOOLEAN | Applicability flags for each tier |
| NISTMapping | STRING | Mapped CSF reference (if any) |
| FSMapping | STRING | Financial services-specific mapping |

**2. DiagnosticStatements**

Individual assessment statements derived from subcategories.

| **Column Name** | **Data Type** | **Description** |
| --- | --- | --- |
| OutlineId | STRING | Diagnostic-level unique ID (e.g., "003.001") |
| SubcategoryId | STRING | Foreign key to ProfileStructure.ProfileId |
| ProfileId | STRING | Full ID (e.g., "GV.OC-01.01") |
| Name | STRING | Short name (e.g., "Governance alignment") |
| StatementText | TEXT | Full diagnostic statement |
| Tier1–Tier4 | BOOLEAN | Applicability at each tier |
| AssessmentRating | STRING | Placeholder/initial value (e.g., "To Be Assessed") |
| AssessmentRationale | TEXT | Analyst rationale entry field |
| SupportingEvidence | TEXT | Analyst evidence entry field |
| ResponseGuidance | TEXT | Prompt to guide user response |
| EEEPackages | TEXT | Examples of effective evidence |
| Tags | TEXT | Hashtags (delimited string or separate table) |

**3. ImpactTieringQuestions**

Questions for determining organizational tier.

| **Column Name** | **Data Type** | **Description** |
| --- | --- | --- |
| QuestionId | STRING | Unique ID (generate if not present) |
| QuestionText | TEXT | Actual question |
| ResponseOptions | TEXT | Delimited options or normalize to new table |
| ScoringLogic | TEXT | Optional logic to map responses to tiers |

**4. Tags (optional normalization)**

| **Column Name** | **Data Type** | **Description** |
| --- | --- | --- |
| TagId | STRING | Unique tag name (e.g., #architecture) |
| Description | TEXT | From "Subject Tag List" |

**5. DiagnosticTagMap**

| **Column Name** | **Data Type** | **Description** |
| --- | --- | --- |
| DiagnosticId | STRING | Foreign key to DiagnosticStatements |
| TagId | STRING | Foreign key to Tags |

Would you like me to proceed with generating the actual SQL CREATE TABLE statements and/or JSON schema from this model?