

# **Data Architecture (ERD)**

Finanzas SD – Architecture, Flows & SOPs

Arquitectura, Flujos y Procedimientos

November 11, 2025

## 1 Data Architecture (ERD)

```
[] erDiagram
    PROJECTS ||--o{ PROJECT_RUBROS : contains
    PROJECTS ||--o{ ALLOCATIONS : allocates
    PROJECTS ||--o{ PAYROLL_ACTUALS : payroll
    PROJECTS ||--o{ ADJUSTMENTS : adjusts
    PROJECTS ||--o{ MOVEMENTS : movements
    PROJECTS ||--o{ ALERTS : triggers
```

```
    RUBROS ||--o{ PROJECT_RUBROS : referencedBy
    RUBROS ||--o{ ALLOCATIONS : baseFor
    RUBROS ||--o{ ADJUSTMENTS : mayImpact
```

```
    RUBROS_TAXONOMIA ||--o{ RUBROS : classifies
```

```
    PROVIDERS ||--o{ MOVEMENTS : vendorFor
```

```
    PROJECTS {
        string pk
        string sk
        string project_id
        string name
        number mod_total
    }
    RUBROS {
        string pk
        string sk
        string rubro_id
        string nombre
        string linea_codigo
    }
    RUBROS_TAXONOMIA {
        string pk
        string sk
        string linea_codigo
        string categoria_codigo
    }
    ALLOCATIONS {
        string pk
        string sk
        string project_id
        string rubro_id
        string mes
        number monto_planeado
    }
    PAYROLL_ACTUALS {
        string pk
        string sk
        string mes
        number nomina_total
    }
    ADJUSTMENTS {
        string pk
        string sk
        string tipo
        number monto
    }
    MOVEMENTS {
        string pk
        string sk
        string tipo
        number monto
    }
    ALERTS {
        string pk
        string sk
        string severity
        string type
    }
    PROVIDERS {
        string pk
        string sk
        string provider_id
        string nombre
    }
```

### Key Conventions:

- Composite primary keys: pk and sk for all tables.
- Rubros taxonomy uses pk=LINEA#{code}, sk=CATEGORIA#{category}.
- Rubros items use pk=RUBRO#{id}, sk=DEF.