

Healthcare Claims Database Tables

1. Patients

- Stores information about individual patients
- Columns: patient_id, first_name, last_name, date_of_birth, gender, address, phone_number

2. Providers

- Contains details about healthcare providers
- Columns: provider_id, provider_name, speciality, npi_number, address, phone_number

3. Claims

- Represents individual healthcare claims
- Columns: claim_id, patient_id, provider_id, service_date, submission_date, claim_amount, status

4. Diagnoses

- Stores diagnoses associated with claims
- Columns: diagnosis_id, claim_id, icd10_code, description

5. Procedures

- Contains procedures performed as part of claims
- Columns: procedure_id, claim_id, cpt_code, description, charge_amount

Relationships:

- Claims are linked to Patients and Providers through patient_id and provider_id respectively
- Diagnoses and Procedures are linked to Claims through claim_id