**JobFlow Pipeline**

An Automated Data Engineering Pipeline for Job Market Insights

**Project Documentation: TN Job Portal Data Pipeline**

**1. Project Overview**

This project involves scraping job data from the TN Private Jobs Portal, processing it using Python, and storing it into a Snowflake data warehouse using dbt (Data Build Tool). The pipeline is structured using a 5-layer architecture based on the Medallion model: Bronze → Silver → Gold → Semantic → Presentation, allowing clean separation of raw data ingestion, transformations, metrics governance, and business consumption.

**2.Web Scraping Overview**

**Language & Libraries:** Python, requests, BeautifulSoup, concurrent.futures, csv

**Goal:** Extract complete job listings from the TN Private Jobs Portal, including dynamic data like employer details, qualifications, location, salary, job types, etc.

**a. Key Components:**

* get\_job\_links() → collects job URLs from multiple pages.
* scrape\_job\_details() → extracts details from each individual job URL.
* Threaded using ThreadPoolExecutor for faster execution.
* save\_to\_csv() → saves all extracted job data into tn\_jobs\_details.csv

**b. How to Run:**

python tn\_jobs\_scraper.py

Output: tn\_jobs\_details.csv with structured job listings.

**3. Project Structure**

**4. Environment Setup**

**a. Install Dependencies**

pip install dbt-core dbt-snowflake pandas beautifulsoup4 requests

**b. Set Up dbt Project**

dbt init dbt\_tn\_jobs\_project

Edit profiles.yml to connect to Snowflake.

**5. Running dbt**

**a. Seed Data**

dbt seed

Loads tn\_jobs\_details.csv into the Snowflake seed schema.

**b. Run Bronze Layer**

dbt run --select bronze

Raw and staging transformations.

**c. Run Silver Core Layer**

dbt run --select silver\_core

Apply cleaning, renaming, and business logic.

**d. Run Gold Mart Layer**

dbt run --select gold\_mart

Final models for HR and Job Seeker KPIs.

**6. KPI Models (Mart Layer)**

**HR KPIs**

* Gender Diversity
* Job Postings by Company
* Location Demand
* Urgent Positions
* Vacancy by Experience
* Job Offers by Type with Salary

**Jobseeker KPIs**

* Top Hiring Companies
* Sector Demand
* Best Paying Jobs
* Jobs by Qualification
* Experience-based Salary Trends
* Jobs Closing Soon

**7. 3-Layer Data Architecture (Extended Medallion)**

**1. Bronze Layer — Raw + Staging**

**Purpose**: Landing zone for raw scraped data.

* Includes seed file tn\_jobs\_details.csv
* dbt models: bronze.job\_postings\_raw
* May include light transformation in staging

**2. Silver Layer — Core Standardization**

**Purpose**: Clean, rename, de-duplicate data with business rules.

* dbt model: silver\_core.core\_job\_postings\_transform
* Normalizes salary, cleans text, handles nulls

**3. Gold Layer — Mart/KPI Models**

**Purpose**: Business-facing, aggregated KPI outputs.

* dbt models in gold\_mart folder
* Tailored for HR and jobseekers

**Data Flow Diagram**

[Raw CSV / Scraper Output]

|  
 [Bronze: Raw + Staging]

|

[Silver: Core Job Postings]  
 |

[Gold: KPI Models]  
 |

[Presentation Layer: Dashboards/API]

**8. Future Enhancements**

* Use **dbt Cloud** or **CI/CD** pipelines
* **Streamlit dashboard** for visual KPIs
* Implement **hooks & triggers** for real-time ingestion
* Real-time dashboards with **Snowflake Streams + Tasks**

**9. Conclusion**

This end-to-end system enables real-time insights from TN Job Portal data, serving both HR and job seekers with strategic dashboards, and can scale across regions or other government employment portals.

**10. Tips for New Developers**

* dbt docs is your friend: dbt docs generate && dbt docs serve
* If schema changes: dbt build --full-refresh
* To test: dbt test
* Always validate seed data formatting and encoding

11. dbt Documentation

## model.tn\_job\_portal.kpi\_job\_role\_distribution\_by\_gender

• Name: KPI\_JOB\_ROLE\_DISTRIBUTION\_BY\_GENDER

• Schema: DW\_GOLD\_MART

• Database: TN\_JOB\_PORTAL

• Type: BASE TABLE

• Owner: ACCOUNTADMIN

• Statistics:

- Row Count: 495

- Last Modified: 2025-04-16 20:23UTC

- Approximate Size: 8704

• Columns:

- JOB\_ROLE (TEXT)

- GENDER\_REQUIREMENT (TEXT)

- JOB\_COUNT (NUMBER)

## model.tn\_job\_portal.dim\_job\_role

• Name: DIM\_JOB\_ROLE

• Schema: DW\_DIMENSIONS

• Database: TN\_JOB\_PORTAL

• Type: BASE TABLE

• Owner: ACCOUNTADMIN

• Statistics:

- Row Count: 362

- Last Modified: 2025-04-16 20:23UTC

- Approximate Size: 6656

• Columns:

- DIM\_JOB\_ROLE\_ID (NUMBER)

- JOB\_ROLE (TEXT)

## seed.tn\_job\_portal.tn\_jobs\_details

• Name: TN\_JOBS\_DETAILS

• Schema: DW\_RAW

• Database: TN\_JOB\_PORTAL

• Type: BASE TABLE

• Owner: ACCOUNTADMIN

• Statistics:

- Row Count: 1382

- Last Modified: 2025-04-16 16:53UTC

- Approximate Size: 316416

• Columns:

- URL (TEXT)

- TITLE (TEXT)

- COMPANY (TEXT)

- SECTOR (TEXT)

- JOB\_ROLE (TEXT)

- SALARY (TEXT)

- QUALIFICATION (TEXT)

- SPECIALIZATION (TEXT)

- LOCATION (TEXT)

- GENDER (TEXT)

- AGE\_LIMIT (TEXT)

- OPENINGS (NUMBER)

- EXPERIENCE (TEXT)

- JOB\_TYPE (TEXT)

- OPEN\_UNTIL (TEXT)

- DESCRIPTION (TEXT)

- SKILLS (TEXT)

- ADDITIONAL\_SKILLS (TEXT)

- COMPANY\_JOBS\_COUNT (NUMBER)

- COMPANY\_LOGO (TEXT)

## model.tn\_job\_portal.stg\_job\_postings\_clean

• Name: STG\_JOB\_POSTINGS\_CLEAN

• Schema: DW\_BRONZE\_STAGING

• Database: TN\_JOB\_PORTAL

• Type: BASE TABLE

• Owner: ACCOUNTADMIN

• Statistics:

- Row Count: 1382

- Last Modified: 2025-04-16 20:22UTC

- Approximate Size: 300544

• Columns:

- URL (TEXT)

- JOB\_TITLE (TEXT)

- JOB\_ROLE (TEXT)

- INDUSTRY\_SECTOR (TEXT)

- COMPANY (TEXT)

- LOCATION (TEXT)

- JOB\_TYPE (TEXT)

- SPECIALIZATION (TEXT)

- SKILLS (TEXT)

- ADDITIONAL\_SKILLS (TEXT)

- JOB\_DESCRIPTION (TEXT)

- OPENINGS (NUMBER)

- OPEN\_UNTIL (DATE)

- SALARY (TEXT)

- GENDER (TEXT)

- AGE\_LIMIT (TEXT)

- EXPERIENCE (TEXT)

## model.tn\_job\_portal.hr\_report

• Name: HR\_REPORT

• Schema: DW\_GOLD\_REPORTING

• Database: TN\_JOB\_PORTAL

• Type: BASE TABLE

• Owner: ACCOUNTADMIN

• Statistics:

- Row Count: 11127

- Last Modified: 2025-04-16 20:23UTC

- Approximate Size: 393216

• Columns:

- JOB\_POSTING\_ID (NUMBER)

- JOB\_URL (TEXT)

- COMPANY (TEXT)

- LOCATION (TEXT)

- JOB\_ROLE (TEXT)

- SPECIALIZATION (TEXT)

- INDUSTRY\_SECTOR (TEXT)

- GENDER\_REQUIREMENT (TEXT)

- EXPERIENCE\_LEVEL (TEXT)

- JOB\_TYPE (TEXT)

- APPLICATION\_DEADLINE (DATE)

- VACANCIES\_COUNT (NUMBER)

- SALARY\_IN\_LPA (FLOAT)

- MIN\_AGE (NUMBER)

- MAX\_AGE (NUMBER)

- EXPERIENCE\_YEARS (NUMBER)

- SKILL\_ID (TEXT)

- ADDSKILL\_ID (TEXT)

## model.tn\_job\_portal.kpi\_job\_postings\_by\_experience

• Name: KPI\_JOB\_POSTINGS\_BY\_EXPERIENCE

• Schema: DW\_GOLD\_MART

• Database: TN\_JOB\_PORTAL

• Type: BASE TABLE

• Owner: ACCOUNTADMIN

• Statistics:

- Row Count: 4

- Last Modified: 2025-04-16 20:23UTC

- Approximate Size: 1536

• Columns:

- EXPERIENCE\_LEVEL (TEXT)

- TOTAL\_JOB\_POSTINGS (NUMBER)

## model.tn\_job\_portal.kpi\_location\_opportunities

• Name: KPI\_LOCATION\_OPPORTUNITIES

• Schema: DW\_GOLD\_MART

• Database: TN\_JOB\_PORTAL

• Type: BASE TABLE

• Owner: ACCOUNTADMIN

• Statistics:

- Row Count: 897

- Last Modified: 2025-04-16 20:23UTC

- Approximate Size: 27648

• Columns:

- LOCATION (TEXT)

- JOB\_ROLE (TEXT)

- JOB\_COUNT (NUMBER)

- AVG\_SALARY (FLOAT)

- HIRING\_COMPANIES (TEXT)

## model.tn\_job\_portal.kpi\_urgent\_openings

• Name: KPI\_URGENT\_OPENINGS

• Schema: DW\_GOLD\_MART

• Database: TN\_JOB\_PORTAL

• Type: BASE TABLE

• Owner: ACCOUNTADMIN

• Statistics:

- Row Count: 46

- Last Modified: 2025-04-16 20:23UTC

- Approximate Size: 3072

• Columns:

- JOB\_ROLE (TEXT)

- LOCATION (TEXT)

- SALARY\_IN\_LPA (FLOAT)

- VACANCIES\_COUNT (NUMBER)

- DAYS\_REMAINING (NUMBER)

## model.tn\_job\_portal.jobseeker\_report

• Name: JOBSEEKER\_REPORT

• Schema: DW\_GOLD\_REPORTING

• Database: TN\_JOB\_PORTAL

• Type: BASE TABLE

• Owner: ACCOUNTADMIN

• Statistics:

- Row Count: 11127

- Last Modified: 2025-04-16 20:23UTC

- Approximate Size: 393216

• Columns:

- JOB\_POSTING\_ID (NUMBER)

- JOB\_URL (TEXT)

- COMPANY (TEXT)

- LOCATION (TEXT)

- JOB\_ROLE (TEXT)

- SPECIALIZATION (TEXT)

- INDUSTRY\_SECTOR (TEXT)

- GENDER\_REQUIREMENT (TEXT)

- EXPERIENCE\_LEVEL (TEXT)

- JOB\_TYPE (TEXT)

- APPLICATION\_DEADLINE (DATE)

- VACANCIES\_COUNT (NUMBER)

- SALARY\_IN\_LPA (FLOAT)

- MIN\_AGE (NUMBER)

- MAX\_AGE (NUMBER)

- EXPERIENCE\_YEARS (NUMBER)

- SKILL\_ID (TEXT)

- ADDSKILL\_ID (TEXT)

## model.tn\_job\_portal.dim\_company

• Name: DIM\_COMPANY

• Schema: DW\_DIMENSIONS

• Database: TN\_JOB\_PORTAL

• Type: BASE TABLE

• Owner: ACCOUNTADMIN

• Statistics:

- Row Count: 712

- Last Modified: 2025-04-16 20:23UTC

- Approximate Size: 13312

• Columns:

- DIM\_COMPANY\_ID (NUMBER)

- COMPANY (TEXT)

## model.tn\_job\_portal.kpi\_job\_vacancy\_trends

• Name: KPI\_JOB\_VACANCY\_TRENDS

• Schema: DW\_GOLD\_MART

• Database: TN\_JOB\_PORTAL

• Type: BASE TABLE

• Owner: ACCOUNTADMIN

• Statistics:

- Row Count: 4

- Last Modified: 2025-04-16 20:23UTC

- Approximate Size: 1024

• Columns:

- MONTH (DATE)

- JOB\_COUNT (NUMBER)

## model.tn\_job\_portal.kpi\_gender\_diversity

• Name: KPI\_GENDER\_DIVERSITY

• Schema: DW\_GOLD\_MART

• Database: TN\_JOB\_PORTAL

• Type: BASE TABLE

• Owner: ACCOUNTADMIN

• Statistics:

- Row Count: 4

- Last Modified: 2025-04-16 20:23UTC

- Approximate Size: 2048

• Columns:

- GENDER\_REQUIREMENT (TEXT)

- JOB\_COUNT (NUMBER)

- POTENTIAL\_HIRES (NUMBER)

- REQUIREMENT\_DISTRIBUTION (NUMBER)

## model.tn\_job\_portal.dim\_skills

• Name: DIM\_SKILLS

• Schema: DW\_DIMENSIONS

• Database: TN\_JOB\_PORTAL

• Type: BASE TABLE

• Owner: ACCOUNTADMIN

• Statistics:

- Row Count: 2201

- Last Modified: 2025-04-16 20:23UTC

- Approximate Size: 19968

• Columns:

- DIM\_SKILLS\_ID (NUMBER)

- SKILLS (VARIANT)

## model.tn\_job\_portal.fact\_job\_postings\_final

• Name: FACT\_JOB\_POSTINGS\_FINAL

• Schema: DW\_FACTS

• Database: TN\_JOB\_PORTAL

• Type: BASE TABLE

• Owner: ACCOUNTADMIN

• Statistics:

- Row Count: 2201

- Last Modified: 2025-04-16 20:23UTC

- Approximate Size: 90112

• Columns:

- JOB\_POSTING\_ID (NUMBER)

- JOB\_URL (TEXT)

- COMPANY\_ID (NUMBER)

- LOCATION\_ID (NUMBER)

- JOB\_ROLE\_ID (NUMBER)

- INDUSTRY\_SECTOR\_ID (NUMBER)

- GENDER\_REQUIREMENT\_ID (NUMBER)

- EXPERIENCE\_LEVEL\_ID (NUMBER)

- SPECIALIZATION\_ID (NUMBER)

- JOB\_TYPE\_ID (NUMBER)

- APPLICATION\_DEADLINE (DATE)

- VACANCIES\_COUNT (NUMBER)

- SALARY\_IN\_LPA (FLOAT)

- MIN\_AGE (NUMBER)

- MAX\_AGE (NUMBER)

- EXPERIENCE\_YEARS (NUMBER)

- SKILL\_ID (TEXT)

- ADDSKILL\_ID (TEXT)

## model.tn\_job\_portal.raw\_job\_postings

• Name: RAW\_JOB\_POSTINGS

• Schema: DW\_BRONZE\_RAW

• Database: TN\_JOB\_PORTAL

• Type: BASE TABLE

• Owner: ACCOUNTADMIN

• Statistics:

- Row Count: 1382

- Last Modified: 2025-04-16 20:22UTC

- Approximate Size: 316416

• Columns:

- URL (TEXT)

- TITLE (TEXT)

- COMPANY (TEXT)

- SECTOR (TEXT)

- JOB\_ROLE (TEXT)

- SALARY (TEXT)

- QUALIFICATION (TEXT)

- SPECIALIZATION (TEXT)

- LOCATION (TEXT)

- GENDER (TEXT)

- AGE\_LIMIT (TEXT)

- OPENINGS (NUMBER)

- EXPERIENCE (TEXT)

- JOB\_TYPE (TEXT)

- OPEN\_UNTIL (TEXT)

- DESCRIPTION (TEXT)

- SKILLS (TEXT)

- ADDITIONAL\_SKILLS (TEXT)

- COMPANY\_JOBS\_COUNT (NUMBER)

- COMPANY\_LOGO (TEXT)

## model.tn\_job\_portal.dim\_location

• Name: DIM\_LOCATION

• Schema: DW\_DIMENSIONS

• Database: TN\_JOB\_PORTAL

• Type: BASE TABLE

• Owner: ACCOUNTADMIN

• Statistics:

- Row Count: 38

- Last Modified: 2025-04-16 20:23UTC

- Approximate Size: 1536

• Columns:

- DIM\_LOCATION\_ID (NUMBER)

- LOCATION (TEXT)

## model.tn\_job\_portal.fact\_job\_postings

• Name: FACT\_JOB\_POSTINGS

• Schema: DW\_FACTS

• Database: TN\_JOB\_PORTAL

• Type: VIEW

• Owner: ACCOUNTADMIN

• Statistics:

• Columns:

- JOB\_POSTING\_ID (NUMBER)

- JOB\_URL (TEXT)

- COMPANY\_ID (NUMBER)

- LOCATION\_ID (NUMBER)

- JOB\_ROLE\_ID (NUMBER)

- INDUSTRY\_SECTOR\_ID (NUMBER)

- GENDER\_REQUIREMENT\_ID (NUMBER)

- EXPERIENCE\_LEVEL\_ID (NUMBER)

- SPECIALIZATION\_ID (NUMBER)

- JOB\_TYPE\_ID (NUMBER)

- APPLICATION\_DEADLINE (DATE)

- VACANCIES\_COUNT (NUMBER)

- SALARY\_IN\_LPA (FLOAT)

- MIN\_AGE (NUMBER)

- MAX\_AGE (NUMBER)

- EXPERIENCE\_YEARS (NUMBER)

- SKILLS (TEXT)

- ADDITIONAL\_SKILLS (TEXT)

## model.tn\_job\_portal.dim\_specialization

• Name: DIM\_SPECIALIZATION

• Schema: DW\_DIMENSIONS

• Database: TN\_JOB\_PORTAL

• Type: BASE TABLE

• Owner: ACCOUNTADMIN

• Statistics:

- Row Count: 64

- Last Modified: 2025-04-16 20:23UTC

- Approximate Size: 2048

• Columns:

- DIM\_SPECIALIZATION\_ID (NUMBER)

- SPECIALIZATION (TEXT)

## model.tn\_job\_portal.fact\_job\_postings\_additional\_skills\_bridge

• Name: FACT\_JOB\_POSTINGS\_ADDITIONAL\_SKILLS\_BRIDGE

• Schema: DW\_FACTS

• Database: TN\_JOB\_PORTAL

• Type: BASE TABLE

• Owner: ACCOUNTADMIN

• Statistics:

- Row Count: 1382

- Last Modified: 2025-04-16 20:23UTC

- Approximate Size: 14336

• Columns:

- JOB\_POSTING\_ID (NUMBER)

- ADDITIONAL\_SKILLS\_ID (TEXT)

## model.tn\_job\_portal.kpi\_vacancy\_to\_salary\_ratio

• Name: KPI\_VACANCY\_TO\_SALARY\_RATIO

• Schema: DW\_GOLD\_MART

• Database: TN\_JOB\_PORTAL

• Type: BASE TABLE

• Owner: ACCOUNTADMIN

• Statistics:

- Row Count: 4

- Last Modified: 2025-04-16 20:23UTC

- Approximate Size: 2048

• Columns:

- JOB\_TYPE (TEXT)

- TOTAL\_VACANCIES (NUMBER)

- AVG\_SALARY (FLOAT)

- VACANCY\_TO\_SALARY\_RATIO (FLOAT)

## model.tn\_job\_portal.kpi\_job\_offers\_by\_type\_with\_salary

• Name: KPI\_JOB\_OFFERS\_BY\_TYPE\_WITH\_SALARY

• Schema: DW\_GOLD\_MART

• Database: TN\_JOB\_PORTAL

• Type: BASE TABLE

• Owner: ACCOUNTADMIN

• Statistics:

- Row Count: 4

- Last Modified: 2025-04-16 20:23UTC

- Approximate Size: 2048

• Columns:

- JOB\_TYPE (TEXT)

- JOB\_COUNT (NUMBER)

- PERCENTAGE\_OF\_TOTAL\_JOBS (NUMBER)

- AVG\_SALARY\_IN\_LPA (FLOAT)

## model.tn\_job\_portal.dim\_gender\_requirement

• Name: DIM\_GENDER\_REQUIREMENT

• Schema: DW\_DIMENSIONS

• Database: TN\_JOB\_PORTAL

• Type: BASE TABLE

• Owner: ACCOUNTADMIN

• Statistics:

- Row Count: 4

- Last Modified: 2025-04-16 20:23UTC

- Approximate Size: 1536

• Columns:

- DIM\_GENDER\_REQUIREMENT\_ID (NUMBER)

- GENDER\_REQUIREMENT (TEXT)

## model.tn\_job\_portal.kpi\_job\_postings\_by\_company

• Name: KPI\_JOB\_POSTINGS\_BY\_COMPANY

• Schema: DW\_GOLD\_MART

• Database: TN\_JOB\_PORTAL

• Type: BASE TABLE

• Owner: ACCOUNTADMIN

• Statistics:

- Row Count: 712

- Last Modified: 2025-04-16 20:23UTC

- Approximate Size: 14336

• Columns:

- COMPANY (TEXT)

- TOTAL\_JOB\_POSTINGS (NUMBER)

- TOTAL\_VACANCIES (NUMBER)

## model.tn\_job\_portal.kpi\_vacancy\_distribution\_by\_experience

• Name: KPI\_VACANCY\_DISTRIBUTION\_BY\_EXPERIENCE

• Schema: DW\_GOLD\_MART

• Database: TN\_JOB\_PORTAL

• Type: BASE TABLE

• Owner: ACCOUNTADMIN

• Statistics:

- Row Count: 4

- Last Modified: 2025-04-16 20:23UTC

- Approximate Size: 1536

• Columns:

- EXPERIENCE\_LEVEL (TEXT)

- TOTAL\_VACANCIES (NUMBER)

## model.tn\_job\_portal.dim\_industry\_sector

• Name: DIM\_INDUSTRY\_SECTOR

• Schema: DW\_DIMENSIONS

• Database: TN\_JOB\_PORTAL

• Type: BASE TABLE

• Owner: ACCOUNTADMIN

• Statistics:

- Row Count: 37

- Last Modified: 2025-04-16 20:23UTC

- Approximate Size: 2048

• Columns:

- DIM\_INDUSTRY\_SECTOR\_ID (NUMBER)

- INDUSTRY\_SECTOR (TEXT)

## model.tn\_job\_portal.dim\_experience\_level

• Name: DIM\_EXPERIENCE\_LEVEL

• Schema: DW\_DIMENSIONS

• Database: TN\_JOB\_PORTAL

• Type: BASE TABLE

• Owner: ACCOUNTADMIN

• Statistics:

- Row Count: 4

- Last Modified: 2025-04-16 20:23UTC

- Approximate Size: 1536

• Columns:

- DIM\_EXPERIENCE\_LEVEL\_ID (NUMBER)

- EXPERIENCE\_LEVEL (TEXT)

## model.tn\_job\_portal.fact\_job\_postings\_skills\_bridge

• Name: FACT\_JOB\_POSTINGS\_SKILLS\_BRIDGE

• Schema: DW\_FACTS

• Database: TN\_JOB\_PORTAL

• Type: BASE TABLE

• Owner: ACCOUNTADMIN

• Statistics:

- Row Count: 2201

- Last Modified: 2025-04-16 20:23UTC

- Approximate Size: 22016

• Columns:

- JOB\_POSTING\_ID (NUMBER)

- SKILLS\_ID (TEXT)

## model.tn\_job\_portal.core\_job\_postings\_final

• Name: CORE\_JOB\_POSTINGS\_FINAL

• Schema: DW\_SILVER\_CORE

• Database: TN\_JOB\_PORTAL

• Type: BASE TABLE

• Owner: ACCOUNTADMIN

• Statistics:

- Row Count: 1382

- Last Modified: 2025-04-16 20:23UTC

- Approximate Size: 299008

• Columns:

- JOB\_URL (TEXT)

- JOB\_TITLE (TEXT)

- JOB\_ROLE (TEXT)

- INDUSTRY\_SECTOR (TEXT)

- COMPANY (TEXT)

- LOCATION (TEXT)

- GENDER\_REQUIREMENT (TEXT)

- MIN\_AGE (NUMBER)

- MAX\_AGE (NUMBER)

- EXPERIENCE\_YEARS (NUMBER)

- JOB\_TYPE (TEXT)

- APPLICATION\_DEADLINE (DATE)

- SPECIALIZATION (TEXT)

- SKILLS (TEXT)

- ADDITIONAL\_SKILLS (TEXT)

- JOB\_DESCRIPTION (TEXT)

- VACANCIES\_COUNT (NUMBER)

- EXPERIENCE\_LEVEL (TEXT)

- ANNUAL\_SALARY (FLOAT)

- SALARY\_IN\_LPA (FLOAT)

## model.tn\_job\_portal.dim\_additional\_skills

• Name: DIM\_ADDITIONAL\_SKILLS

• Schema: DW\_DIMENSIONS

• Database: TN\_JOB\_PORTAL

• Type: BASE TABLE

• Owner: ACCOUNTADMIN

• Statistics:

- Row Count: 1580

- Last Modified: 2025-04-16 20:23UTC

- Approximate Size: 14848

• Columns:

- DIM\_ADDITIONAL\_SKILLS\_ID (NUMBER)

- ADDITIONAL\_SKILLS (VARIANT)

## model.tn\_job\_portal.dim\_job\_type

• Name: DIM\_JOB\_TYPE

• Schema: DW\_DIMENSIONS

• Database: TN\_JOB\_PORTAL

• Type: BASE TABLE

• Owner: ACCOUNTADMIN

• Statistics:

- Row Count: 4

- Last Modified: 2025-04-16 20:23UTC

- Approximate Size: 1536

• Columns:

- DIM\_JOB\_TYPE\_ID (NUMBER)

- JOB\_TYPE (TEXT)

## model.tn\_job\_portal.kpi\_urgent\_positions

• Name: KPI\_URGENT\_POSITIONS

• Schema: DW\_GOLD\_MART

• Database: TN\_JOB\_PORTAL

• Type: BASE TABLE

• Owner: ACCOUNTADMIN

• Statistics:

- Row Count: 1

- Last Modified: 2025-04-16 20:23UTC

- Approximate Size: 1536

• Columns:

- JOBS\_CLOSING\_SOON (NUMBER)

- URGENT\_VACANCIES (NUMBER)

- AVG\_DAYS\_REMAINING (NUMBER)

## model.tn\_job\_portal.kpi\_location\_demand

• Name: KPI\_LOCATION\_DEMAND

• Schema: DW\_GOLD\_MART

• Database: TN\_JOB\_PORTAL

• Type: BASE TABLE

• Owner: ACCOUNTADMIN

• Statistics:

- Row Count: 38

- Last Modified: 2025-04-16 20:23UTC

- Approximate Size: 6144

• Columns:

- LOCATION (TEXT)

- TOTAL\_VACANCIES (NUMBER)

- AVG\_SALARY (FLOAT)

- HIRING\_SECTORS (TEXT)

# Sources

## source.tn\_job\_portal.job\_postings.tn\_jobs\_details

• Name: TN\_JOBS\_DETAILS

• Schema: DW\_RAW

• Database: TN\_JOB\_PORTAL

• Type: BASE TABLE

• Owner: ACCOUNTADMIN

• Statistics:

- Row Count: 1382

- Last Modified: 2025-04-16 16:53UTC

- Approximate Size: 316416

• Columns:

- URL (TEXT)

- TITLE (TEXT)

- COMPANY (TEXT)

- SECTOR (TEXT)

- JOB\_ROLE (TEXT)

- SALARY (TEXT)

- QUALIFICATION (TEXT)

- SPECIALIZATION (TEXT)

- LOCATION (TEXT)

- GENDER (TEXT)

- AGE\_LIMIT (TEXT)

- OPENINGS (NUMBER)

- EXPERIENCE (TEXT)

- JOB\_TYPE (TEXT)

- OPEN\_UNTIL (TEXT)

- DESCRIPTION (TEXT)

- SKILLS (TEXT)

- ADDITIONAL\_SKILLS (TEXT)

- COMPANY\_JOBS\_COUNT (NUMBER)

- COMPANY\_LOGO (TEXT)