📊 Project: Workforce Diversity Analysis using Google DEI Dataset

✅ Description:

This project explores diversity trends across sectors in the U.S. workforce post-2020 using Google’s DEI public dataset.

Data was queried using Google BigQuery, ranked using SQL window functions, and prepared for visualization in Looker Studio.

📂 Data Source:

Google DEI Public Dataset (BigQuery)

Table: bigquery-public-data.google\_dei.full\_csv-latest-data-is-2023

Accessed via: Google Cloud BigQuery Public Datasets Explorer

<https://console.cloud.google.com/> (requires login)

📁 Files Included:

1. FullDataset-full\_csv-latest-data-is-2023.csv — Full dataset

2. query\_1\_preview.csv — First 10 rows preview

3. query\_2\_ranked.csv — Industries ranked by total employment within sector-year

4. query\_3\_PercWomen.csv — Average % of women by sector (post-2020)

5. SqlQueries.txt — All queries with descriptions

6. LookerStudio\_Report.pdf — <https://lookerstudio.google.com/s/rbbIFHNp-Ao>

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