DHARMENDRA DUDI

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FUNCTIONAL & TECHNICAL SKILLS

Functional: Data Prep & Integration, Data Modelling, Performance Optimization, Stakeholder Management

- **dbt**: Models, Snapshots, Data Governance, Data Tests, States, Jinja & Macros, dbt Certified Developer
- **Python**: Data Structures, OOP, NumPy, Pandas, API Integration, ETL Pipelines, Logging, Unit Testing
- **Airflow**: DAGs, Task Orchestration, Reverse ETL, ELT, Scheduling, XComs, Sensors, Operators
- **Snowflake**: SQL, Query Performance & Optimization, Dynamic Tables, Stages, Snowpipes
- **Looker** & **Tableau**: Data Modelling, Table Calculations, LODs, DZV, and Dashboards, Tableau Public
- AWS, Terraform, Docker, GitHub Actions, MonteCarlo, PagerDuty, DuckDB, Git, Figma

PROFESSIONAL EXPERIENCE

Data Engineer, *Analyttica Datalab*   03/2024 – Present

- Designed and Implemented data integration between Zendesk Sell and Snowflake using Airflow, AWS S3, APIs and Snowpipes. Performed data modelling and transformations using dbt ensuring data quality and readiness for analytics in Looker. Further utilized dbt and Airflow to facilitate data exchange back to Zendesk Sell via APIs removing manual efforts by 90%.
- Collaborated with the marketing team to define and implement a profile deduplication strategy for Braze. Developed and maintained a Airflow and dbt-powered pipeline to process and transform customer profiles data, reducing duplicate profiles from 80000 to 4000.
- Facilitated the migration of 10 Tableau dashboards to Looker, implementing LookML data models and preparing required views and explores for effective data visualization.
- Established workflows for ingesting Google Sheets data into Snowflake, improving data accessibility in Looker for the Ops team and reducing manual update time by 40%.

Data Analyst, *DeCurtis Corporation*   05/2023 – 12/2023

- Worked with the Engineering team to set up an internal monitoring tool for the SRE team using Python, PostgreSQL & ElasticSearch.
- Automated data reporting & RCA tasks using Pandas runbooks and SQL, boosting efficiency by 40%.
- Contributed to the development of Tableau dashboards for incident analysis, achieving 20% improvement in SLA compliance and 15% cost savings in resolution expenditure.

Project Associate Intern, *RGAVP, Govt of Raj*   07/2022 – 04/2023

- Employed statistical methods to assess impact of SHG membership on income, finding a 32% increase in income after joining SHGs.
- Created a survey to gather more insights on income-loan gaps of SHG members and trained over 10 CBM teams to carry out surveys.

EDUCATION

Master of Science (MSc) Mathematics   08/2021 – 05/2023

Malviya National Institute of Technology (NIT) Jaipur

- Played an integral role as Placement Committee member in the Training & Placement Cell of NIT Jaipur, successfully organised and facilitated smooth placement process for over 200 companies.

Bachelor of Science Honors (BSc Hons) Mathematics   08/2018 – 05/2021

Aryabhatta College, University of Delhi