

Mandar Chaudhari

Senior Consultant

Profile

Mandar is a Data Engineer with 8+ years of professional IT industry experience in interpreting and analysing data for driving business solutions. A Certified GCP Professional Data Engineer & AWS Cloud Practitioner with proficient knowledge in Data Analytics, Data warehousing & Big Data, Mandar has great passion for cloud technologies and data engineering.

Mandar displays an excellent understanding of business operations and analytics tools for effective analysis of data. He possesses extensive hands-on experience in creating end-to-end data-driven workflows on Big Data cloud technologies such as GCP, Databricks, AWS, and Azure. Mandar additionally displays excellent teamwork, communication, and interpersonal skills to interact with clients and support his strong technical experience.

Key Skills & Technologies

- Google Cloud Platform
- Azure
- AWS
- Databricks
- Data Engineering
- Data Warehousing
- Data Migration
- Data Integration
- Data Governance
- Project Management
- Business Intelligence
- Business Analysis
- Client Management
- SQL
- R
- Python
- GitHub
- Hadoop
- Unix
- Dataflow
- Teradata
- Data Factory
- Data Lake
- IBM Cognos BI stack
- Spark
- Lambda

Consultant Profile

Selected Project Experience

Australian Infrastructure Organisation – GCP Data Engineer

- Developed initial data model on BigQuery and Metadata table structures.
- Developed high-level GCP architecture and finalised which services/components are best fit for Ingestion, Transformation and Reporting.
- Successfully set up Ingestion workflow to receive IoT device data to GCP using services like GCP IOT Core, Pub/Sub, BigQuery.
- Developed Cloud Function (2nd Gen) to trigger on event-based (EventArc and Pub/Sub) to perform device configuration update and run calculation algorithm to transform the raw data into meaningful reporting data.
- Set up a GCP Vertex AI-managed notebook instance to get a platform for a team to develop calculation engine.

Australian Wagering Organisation – GCP Data Engineer

- Successfully delivered a pilot to showcase migration of data from AWS Aurora database to Google Cloud BigQuery Datawarehouse.
- Developed Google Cloud Function (2nd Generation) to connect securely to AWS aurora database and migrate the data to Google Cloud Storage.
- Demonstrated data load from Google Cloud Storage to BigQuery tables and performed incremental data merge using BigQuery MERGE feature.
- Developed an end-to-end data pipeline orchestration using Cloud Composer to integrate Cloud Function Integration and other Bigquery load/transform jobs integrations.
- Created BigQuery Views to showcase transformation capabilities on GCP.
- Successfully met the success criteria for PoC of data migration from Aurora to GCP within 30 minutes timeframe.

Security Exchange Organisation – GCP Data Engineer

- Worked initially on a Pilot program to demonstrate GCP platform abilities using different GCP services such as Dataflow, BigQuery, Dataform ETL, Cloud Composer.
- Analysed companies entire historical data and migrated almost 40 TB of data to GCP cloud storage using GCP Storage Transfer Service. Developed scheduled jobs to migrate the data.
- Developed Dataflow python ingestion logic to ingest batch data in CSV format and from MS SQL server database.
- Developed the Composer Airflow data orchestration to design end-to-end workflows of dataflow ingestion, Dataform transformation and Bigquery export jobs.
- Developed Dataform ETL scripts to transform/curate the ingested BigQuery data.



Industry Experience

- Logistics
- Financial Services
- Biotechnology
- Retail

Certification

Google Cloud | Certified Professional Data Engineer

AWS Cloud | Certified Practitioner

Snowflake | SnowPro Core Certification

Databricks | Lakehouse Fundamentals

dbt Labs | Fundamentals

Bachelor – Technology, Computer Engineering
University of Mumbai

