

# AKHILESH PANIGRAHI


Business Analyst, Machine Learning Engineer, Data Analyst


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## PROFILE SUMMARY

- Data Science Engineer with 12 years of experience in electrical maintenance and business analytics. Proficient in designing and implementing advanced analytical KPIs. Skilled in providing machine learning solutions using the Google Cloud Platform. I have a proven track record of delivering high-quality work with prominent enterprises in the automobile, heavy machinery and E-commerce industry.

## PROFESSIONAL PROJECTS

- **Data warehousing**

Leading team to create design and develop data warehouse on GCP Bigquery. The logic for around 100 tables in Bigquery was developed as part of the project to create a reporting layer. I take responsibility for the on-time design completion and maintain the data sanity.
- **Scam detection for tokens on Base blockchain**

I was involved in creating pre-processing steps and models to detect scams for newly released tokens on Base blockchain. The deployed model processes the new tokens' bytecodes and generates results live. Using this process we had a success rate of 85 percent,
- **Aggregation of Geo-Spatial data for Tractors**

The project involved analysing streaming data from IOT devices of tractors. The geo points were filtered and aggregated using SQL in BigQuery. The DBSCAN and Concave Hull algorithm were used to calculate the area covered for each tractor. This process implemented in BigQuery reduced the price by around 50 per cent, and accuracy matched 99 per cent from on-field data.

## EMPLOYMENT DETAILS

- Niveus Solutions Pvt Ltd.**

Oct 2021- Jul 2023

  - I was involved in several projects as a Business Analyst including the type of data migration, creating a data warehouse, and providing ML solutions. I also participate in pre-sales engagement with the client to gather the requirements and estimate the efforts.
  - Designation - Cloud Leader
- Adani Power Ltd.**

Aug 2019 - Oct 2021

  - I was assigned to manage the daily problems associated with the operation of plants. I was a part of the team doing analysis and prediction for equipment and plants. Working with a team was a learning guide for me to manage people and work efficiently.
  - Designation - Associate Manager
- Previous associated organisation: L&T, Lanco

## AREA OF INTEREST

- Data Science
- Machine Learning
- Deep Learning
- Generative AI
- Data Engineering
- Data Warehousing

## TECHNICAL SKILLS

- Deep Learning
- Machine Learning
- Exploratory Data Analysis
- Natural Language Processing
- SQL
- Transformers
- BigQuery
- Airflow
- TensorFlow
- Scikit-Learn
- Pandas
- Numpy
- LLM
- Gensim/NLTK
- Git

## PERSONAL SKILLS

- Flexible&Adaptable
- Leadership
- Good Communication
- Photography and Writing
- Sports

## LANGUAGES

Python    SQL

## EDUCATION

- B.E in Electronics and Electrical**

76.9%

2007 – 2011    SSCET, Bhilai
- HSC (12th)**

78.2%

2007    Nirmal Vidyalaya, Jagdalpur
- SSC (10th)**

83%

2005    Nirmal Vidyalaya, Jagdalpur

## CERTIFICATIONS

GCP Data Engineer  
'Data Science' by Codecademy