

Sana Yasin

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Summary

Senior Data Analyst with 7+ years of experience delivering insights via scalable BI solutions and predictive models. Proven expertise in SQL, Python, Power BI, Tableau, and cloud data ecosystems. Strong communicator with a record of optimizing pipelines, enhancing reporting, and delivering data-driven business strategies.

Skills

Languages: Python, R, SQL, PySpark, SparkSQL

Data Viz: Power BI, Tableau, Google Data Studio

Data Engineering: Azure Data Factory, Databricks, Hive, Snowflake, BigQuery, Git, AWS (EC2, S3, Redshift)

Libraries Used: Scikit-learn, XGBoost, plotly, GeoJson, NLTK, spaCy, SciPy, Matplotlib, Seaborn

Certifications: [Tableau Desktop Specialist](#), [OnePointFive- Fellow - Sustainability Consulting Accelerator](#), [Google Advanced Data Analytics](#)

Statistics & Modeling: Hypothesis Testing, A/B experimentation, Regression, Clustering, Text Mining, Feature Engineering, customer segmentation

Professional Experience

GreenLancer Energy Inc.

Sr. Data Analyst

Detroit, MI

Jan 2025 – Apr 2025

- Built Power BI dashboards using DAX to visualize revenue KPIs for stakeholders.
- Extracted and transformed multi-source datasets with optimized MySQL queries.
- Improved database performance and data integration by collaborating cross-functionally.

Deloitte Risk & Financial Advisory

Lead Solution Advisor

Gurgaon, India

Oct 2021 – Nov 2022

- Designed BI and DW pipelines for Pharma companies using SQL, Power BI, and DAX.
- Automated invoice reconciliation, improving financial compliance by 95%.

Tata Power Delhi Distribution Ltd.

Data Analyst – IT Business Analytics

Delhi, India

Aug 2019 – Sep 2021

- Migrated legacy smart meter data to Azure Data Lake and streamlined data pipelines using PySpark and Delta Lake, improving data processing efficiency by 40%.
- Built predictive models to identify payment defaulters, increasing revenue by \$900K, and delivered Tableau dashboards analyzing usage data from over 10K smart meters..

NCR Corporation

Big Data Engineer – Supply Chain Analytics

Gurgaon, India

May 2018 – Jul 2019

- Built Hive-based data repositories for high-efficiency querying and reporting.
- Implemented Change Data Capture (CDC), reducing data latency by 75%.

Tata Consultancy Services

System Engineer

Bangalore, India

Sep 2014 – Aug 2017

- Performed churn analysis using R and MySQL, increasing retention by 20%.
- Migrated mainframe code into ETL pipelines using Ab Initio and Teradata.

Education

Northeastern University, Boston, MA

Master of Professional Studies in Analytics – Applied Machine Intelligence

Jan 2023 – Jun 2024

GPA: 3.6

KIIT University, India

B.Tech in Electronics and Electrical Engineering

Sep 2010 – May 2014

CGPA: 9.07

Projects

Maize Yield Prediction – Kenya (Omdena) [Link](#)

Developed Ridge Regression model ($R^2=0.94$, $MAE=0.0022$) on agricultural datasets. Enhanced accuracy through hyperparameter tuning and feature selection to support food sustainability efforts.