

INDU KUMAR RAI

Data Analyst

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About Me

Dedicated and enthusiastic Data Analyst with over 2 years of experience, passionate about uncovering insights & analysing data for driving Business Solution. Skilled in data wrangling, visualization, integration, and manipulation, with additional expertise in machine learning & Python for deriving valuable insights from complex datasets. My goal is to contribute effectively to data-driven initiatives, utilizing my skills and experience to drive organizational success.

Work Experience

📅 2022 - Till Date

Data Analyst

Supply Chain Management (SCM) -IT

Jio Platform Ltd. | Reliance Corporate Park, Mumbai

Data Analysis, Visualization, and Business Reporting:

- Collaborated with cross-functional teams to gather & analyze data from diverse sources, ensuring data accuracy & integrity.
- Collaborated closely with business users and functional teams to gather requirements and develop 40+ supply chain & operation related dashboards in Power BI to visualize KPIs, facilitating data-driven decision-making processes. Leveraged BI advanced features (bookmarks, DAX, slicers, drill-through etc) for interactive, Dynamic and performance-driven reporting.
- Employed Power Query for data cleaning, transformation, and ETL processes to ensure fast loading & efficient data retrieval.
- Data analysis in Excel using pivot tables, vlookups, solvers, and formulas to uncover insights and address business needs.
- Provided training and support to end-users, ensuring they can effectively use the reports and dashboards.

ETL and Data Integration:

- Created Azure ETL pipelines to ingest raw and incremental data from MySQL, MongoDB, and SAP HANA.
- Designed data flows in Azure Synapse Analytics, creating views, procedures, and tables in serverless SQL pools for seamless integration with Power BI.
- Developed SQL views and used PySpark notebooks to create and store data products, implementing incremental pipelines for efficient data processing.
- Utilized SAP EWM and SAP APO systems extensively to enhance data analysis and understand supply chain processes.

Machine Learning and Frappe Framework Experience:

- Working as a Python developer (backend) to building an AllocatFirst application whose purpose is to Allocate supply against my demand. (API interfaces, built rule engine, deploy through azure pipelines)
- Developed custom doctypes and modules within the Frappe framework for the AllocatFirst project. Integrated these doctypes with Visual Studio (VS) Code for Python coding to build a optimization solver for TVPS.
- Utilized Azure Machine Learning Studio to design and deploy solvers for TPVS. Implemented solutions using Python packages such as PuLP and OR Tools, leveraging Azure's cloud infrastructure for scalable and efficient model training and deployment.

Skills & Strength

- **Visualisation Tool** : Advance Power BI, Tableau, Matplotlib/Seaborn (Python)
- **Database skills** : MySQL, Oracle, MongoDB.
- **Big Data** : Azure Synapse Analytics, Data ingestions, Pipeline creations, data integration, data flow.
- **Programming Language** : Python Programming, APIs
- **Python Packages** : Numpy, Pandas, Matplotlib, Seaborn, Pulp, Google OR Tool, scikit learn.
- **Analitical skills** : EDA Analysis, Data Wrangling, Data Manipulation, Data Visualisation, Data Transformation.
- **Machine learning with python** : Lnear Regression
- **Soft Skills** : Analytical & Creative Thinking, Time Management, Collaboration and Teamwork, Problem-Solving.
- **Other Skills** : SAP ECC, EWM, APO, Frappe Framework, Ms-Excel , Agile and Scrum Methodologies, prompt engineering.

Education

Graduation :Bachelor of Technology - Electrical Engineering

University : Faculty Of Engineering University Of Lucknow
Period : 2018-2022
CGPA : 67.2%

Board : CBSE - 12th Standard

Institute : Kendriya Vidyalaya Sangathan, Mau
Period : 2017-2018
CGPA : 65% (PCM)

CBSE : 10th Standard

Institute : Kendriya Vidyalaya Sangathan, Mau
Period : 2016-2017
CGPA : 8.8 CGPA

Internship & Certification

- 1 Month Training on MACHINE LEARNING from AZeotropy IIT BOMBAY.
- Master Dashboard and Data viz in Microsoft Power BI
- Oracle Database 19c: PL/SQL
- Oracle Database 12c Advanced SQL
- SQL Estantial Training & Programming
- Python Programming from GREAT LEARNING PLATFORM.

Co - Curricular Achievement

- Represented My School in Regional level Inter-school Cricketchampionship (K.V.S) continuously 4 year as a team captain.
- Represented My School at Regional level in Science Model Exhibition(KVS) in National Children's Science Congress (NCSC)
- Participated in Dance competition in collage cultural event. ☑ Participated in collage cricket championship in University sports fest.