

ANIL KUMAR RAIGAR (Data Analyst - Mid-Level)

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Profile

As a Data Analyst at Pure Software (March 2023 – Present) and previously a Data Research Analyst at Vikir Pvt Ltd, I have delivered analytics solutions for international clients in fintech, banking, retail, and logistics, achieving a 30% increase in user engagement through predictive models and a 25% reduction in report turnaround times via automated dashboards. I hold an MSc in Advanced Data Science (Distinction, Bangor University), with expertise in machine learning, natural language processing, and information visualization, scoring 80% in my dissertation on EDFA Gain Modelling using Deep Neural Networks. Proficient in Python (Pandas, NumPy, Dash, scikit-learn), SQL, and Power BI, I excel in building predictive models, developing interactive dashboards, and enhancing stakeholder satisfaction. Passionate about leveraging data to solve real-world problems, inspired by my roots in rural Rajasthan, I am seeking opportunities as a Data Analyst, Business Intelligence Analyst, Forecasting Analyst, or Operations Analyst in technology, retail, or logistics to drive impactful, data-driven outcomes.

Key Skills

- Data Interpretation and Statistical Analysis
- Data Visualization (Power BI, Dash, Excel Charts)
- Advanced Excel (Formulas, Pivot Tables, VLOOKUP, Macros, Data Analysis)
- SQL (SELECT, WHERE, JOIN) for Data Extraction and Manipulation
- Python (Pandas, NumPy, scikit-learn, Dash) for Analysis and Automation
- Data Collection, Cleaning, and Organization
- Workflow and Data Pipeline Automation
- Trend Identification and Statistical Analysis
- Predictive Modeling and Machine Learning
- Dashboard Development and Reporting
- Collaboration with Engineering Teams and Ad Hoc Project Support
- Analytical Mindset with Strong Attention to Detail
- Independent and Remote Work Proficiency

Professional Experience

Pure Software, Location Not Specified

Data Analyst, March 2023 – Present

- Developed predictive models using Python (scikit-learn) for fintech and banking clients, achieving a 30% increase in user engagement through targeted recommendations.
- Designed and deployed interactive dashboards using Python (Dash) and Power BI, reducing report turnaround times by 25% and improving stakeholder data accessibility.
- Automated reporting pipelines using Python and SQL, streamlining data processing workflows and

enhancing operational efficiency for international projects.

- Collaborated with cross-functional teams to deliver actionable insights, influencing strategic decisions in client-facing analytics projects across fintech and retail sectors.
- Led training sessions and created support material for over 50 team members, ensuring sustained adoption of analytics tools and processes.

Vikir Pvt Ltd, Bengaluru, Karnataka, India

Data Research Analyst, April 2021 – March 2023

- Analyzed over 150,000 service records to identify patterns in issue types, technician response rates, and regional service demand, enabling smarter resource allocation across 50+ cities.
- Developed dynamic SQL-based dashboards to track KPIs such as resolution time, first-time fix rate, and technician availability, improving operational response speed by 15%.
- Automated recurring performance reports using Python, reducing manual overhead and saving 20% of reporting time for operations leads.
- Cleaned, structured, and validated raw datasets using Python libraries (Pandas, NumPy), enhancing data accuracy and contributing to a 12% increase in customer retention.
- Presented strategic insights to cross-functional stakeholders, influencing decisions in technician training, pricing models, and emergency dispatch logistics.

Digital Masters India, India

Data Analyst, December 2020 – March 2021

- Mastered Python, SQL, and Power BI, applying data cleaning, preprocessing, and feature engineering to ensure high-quality datasets for analysis.
- Designed interactive Power BI dashboards to visualize business metrics, enabling data-driven decision-making for stakeholders.
- Extracted and analyzed data for team projects, delivering actionable insights to support business strategies.
- Strengthened collaboration skills by coordinating tasks and presenting findings to stakeholders in a clear and concise manner.

Himanshu Iron Workshop, Rajasthan, India

Operations & Data Assistant (Family Business), August 2019 – October 2020

- Managed daily operations including stock, sales, production workflow, and logistics, optimizing processes to improve efficiency.
- Utilized Excel to track sales, monitor inventory, and forecast raw material requirements, ensuring operational continuity.
- Collected customer feedback and implemented process improvements, increasing customer satisfaction.

Key Projects

User Engagement Prediction Model Project

- Built a predictive model using Python (scikit-learn) to forecast user engagement for fintech clients, leveraging historical transaction and behavioral data.
- Achieved a 30% increase in user engagement by enabling targeted marketing and personalized recommendations.
- Preprocessed and cleaned large datasets using Pandas and NumPy, ensuring high-quality input for model training.

- Presented model insights to stakeholders, influencing client strategies for customer retention and product optimization.

Automated Reporting Dashboard (Pure Software, 2023 – Present)

- Developed an interactive dashboard using Python (Dash) and Power BI to automate reporting for banking clients, reducing report turnaround times by 25%.
- Integrated SQL queries to extract real-time data from client databases, ensuring accurate and up-to-date metrics.
- Designed user-friendly visualizations for KPIs such as transaction volume, risk exposure, and customer churn, improving stakeholder accessibility.
- Automated data pipelines, streamlining workflows and saving significant manual reporting effort.

Predictive Technician Allocation Model (Vikir Pvt Ltd, 2022)

- Developed a predictive model using scikit-learn to estimate service success probability based on service type, location, and historical resolution data.
- Integrated the model into Vikir's dispatch engine, reducing technician mismatch rates by 22%.
- Increased first-attempt resolution success in Tier 1 cities, enhancing customer satisfaction and operational efficiency.
- Utilized Python (Pandas, NumPy) for data preprocessing and SQL for querying historical service data.

EDFA Gain Modelling using Deep Neural Networks (MSc Dissertation, Bangor University, 2024)

- Designed and implemented a deep neural network model to predict EDFA (Erbium-Doped Fiber Amplifier) gain, achieving an 80% score for the dissertation.
- Conducted extensive data preprocessing and feature engineering using Python (Pandas, NumPy) to ensure model accuracy.
- Applied advanced machine learning techniques to optimize model performance, demonstrating proficiency in neural network architectures.
- Presented findings to academic supervisors, showcasing the model's potential for real-world optical communication applications.

Education

Bangor University, UK

MSc Advanced Data Science, Distinction, September 2023 – September 2024

- Specialized in machine learning, natural language processing, and information visualization.
- Achieved consistent marks above 70% across core modules.
- Dissertation on EDFA Gain Modelling using Deep Neural Networks, scoring 80%.

Sobhasaria Engineering College, Sikar, India

Bachelor's Degree, Electrical Engineering with Honors, August 2015 – August 2019

Jai Shree Vidhya Mandir Sen. Sec. School, Ranoli, India

12th, Science, March 2013 – May 2014

Unique Public Sec. School, Shishu, Sikar, India

10th Class, Secondary Education, March 2011 – May 2012

Additional Information

- *Strong grounding in predictive analytics and dashboarding, with international project experience in fintech, retail, banking, and logistics.*
- *Proficient in Microsoft Excel for data analysis, forecasting, and inventory management, as demonstrated in operational roles.*
- *Adept at cross-functional collaboration, working effectively with technical and non-technical stakeholders to deliver actionable insights.*
- *Committed to continuous learning in data science, staying updated with advancements in machine learning and data visualisation tools.*
- *Passionate about using data to solve real-world problems, inspired by early experiences in a rural hometown in Rajasthan.*

“Flexible and prepared for hybrid work, ready to contribute to Few&Far’s London Area-based team”