

Data Scientist (Mid-Level)

Ananya Patel

Data Scientist | Python, R, Machine Learning

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SUMMARY

Data Scientist with over 4 years of experience in analyzing large datasets, building predictive models, and developing data-driven solutions to business problems. Proficient in machine learning algorithms, statistical analysis, and data visualization tools. Passionate about transforming raw data into actionable insights to improve business performance.

EXPERIENCE

Data Scientist

Insight Analytics

March 2020 – Present | New Delhi, India

- Developed machine learning models to predict customer churn, increasing retention rates by 18%.
- Conducted exploratory data analysis (EDA) on large, unstructured datasets using Python and R, uncovering business trends and insights that improved decision-making.
- Built and deployed predictive models using scikit-learn, reducing operational costs by automating key business processes.
- Collaborated with business analysts to interpret findings and present insights using data visualization tools such as Tableau and Power BI.

Junior Data Analyst

TechVibes Solutions

June 2018 – Feb 2020 | New Delhi, India

- Analyzed sales data using R and Excel to identify key performance indicators and trends, increasing sales forecasting accuracy by 25%.
 - Developed interactive dashboards and reports for internal stakeholders to monitor real-time business performance.
 - Assisted in building automated data pipelines that streamlined the data collection process, improving efficiency by 30%.
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STRENGTHS

- **Data Modeling:** Strong ability to build predictive models to address business challenges.

- **Analytical Thinking:** Deep expertise in extracting meaningful insights from complex data sets.
 - **Collaboration:** Skilled in working with cross-functional teams to integrate data-driven insights into business strategy.
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SKILLS

- **Languages:** Python, R, SQL
 - **Libraries/Tools:** NumPy, Pandas, scikit-learn, TensorFlow, PyTorch
 - **Visualization:** Tableau, Power BI, Matplotlib, Seaborn
 - **Other:** Machine Learning, Statistical Analysis, Data Wrangling, A/B Testing, ETL
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EDUCATION

Master's in Data Science

Indraprastha Institute of Information Technology (IIIT), Delhi

Graduation Year: 2018

Bachelor of Science in Statistics

University of Delhi

Graduation Year: 2016

CERTIFICATIONS

- Certified Data Scientist – IBM Data Science Professional
 - Machine Learning Specialization – Coursera (Andrew Ng)
 - Advanced SQL for Data Science – Udacity
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PROJECTS

- **Customer Churn Prediction:** Built a logistic regression model to predict customer churn for a telecom company, achieving an accuracy of 92%.
- **Recommendation Engine:** Developed a recommendation engine for an e-commerce platform using collaborative filtering, boosting sales by 15%.