

John Doe

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Professional Summary

Data Analyst with strong expertise in manufacturing data analysis, data exploration, and automation of data cleaning tasks. Experienced in Python (Pandas), R, and Excel for large-scale data processing. Skilled at collaborating with machine learning engineers, data scientists, and product managers to deliver actionable insights. Background in Mechanical Engineering with hands-on experience in automotive and production domains.

Education

B.Tech in Mechanical Engineering, XYZ University, 2020

Professional Experience

Data Analyst | ABC Manufacturing Ltd | Jan 2021 – Present

- Analyzed and interpreted complex manufacturing datasets to identify trends and relationships among entities.
- Automated data cleaning and validation processes using Python (Pandas) and R.
- Collaborated with cross-functional teams including data scientists, ML engineers, and product managers.
- Delivered actionable insights to improve production efficiency and reduce downtime.
- Worked extensively with Excel for handling large datasets and generating reports.

Intern – Production Engineering | DEF Automotive | Jun 2019 – Dec 2019

- Assisted in analyzing production workflows and identifying optimization opportunities.
- Gained hands-on experience in automotive manufacturing processes.
- Contributed to small-scale projects involving data collection and validation.

Technical Skills

- Data Analysis & Visualization: Python (Pandas, NumPy, Matplotlib), R, Excel
- Data Processing: Data exploration, data cleaning automation, validation
- Domain Knowledge: Manufacturing, Automotive, Production Engineering
- Collaboration: Cross-functional teamwork with data science, ML, and product teams

Projects

- Manufacturing Data Insights: Built data pipelines to clean and analyze large sets of production data, providing insights that reduced process inefficiencies by 15%.
- Predictive Maintenance: Collaborated with ML engineers to analyze machine sensor data and predict potential failures, minimizing downtime.