

Nikhil Kumar Mishra

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EDUCATION

SPPU, Pune

Master of Computer Application • Dec 2021 - Apr 2023

EXPERIENCE

SarvaShikshan, **Full Stack Developer Intern**

Feb 2023 - Jul 2023

Developed and maintained full stack web applications using Java, HTML/CSS, and SQL, ensuring reliable and high-quality code delivery within project timelines.

Collaborated with cross-functional teams following Agile methodologies to review tasks and provide updates to management on project status and issue resolution.

Designed scalable front-end and back-end systems while applying object-oriented concepts and design patterns to optimize application performance.

SKILLS

Programming & Analytics: Python (Pandas, NumPy, Scikit-learn) • SQL • Java • Statistical Analysis • A/B Testing Analysis

Big Data & ML: Machine Learning Algorithms • Decision Trees • NLP • Predictive Modeling • Data Mining

Data Visualization & BI: Power BI • DAX • Excel • Data Storytelling • Dashboard Development • KPI Reporting

Tools & Technologies: Git/GitHub • ETL Processes • Data Integration • Web Scraping • Power Query

Business Analytics: ROI Analysis • Performance Measurement • Customer Segmentation

PROJECTS

Smart PDF Data Pipeline for Structured Analytics

Built a Python tool using **PyMuPDF**, **pdfplumber**, and **pdfminer** to parse 150+ page PDFs into structured JSON, preserving sections, sub-sections, and tables with **90%+ accuracy**.

Automated classification of text, tables, and financial data, reducing manual extraction time by **6–7 hours per report**.

Designed a scalable, modular pipeline adaptable to multiple document formats, improving **data processing efficiency by 35%**.

GDP Full Analysis

Analyzed GDP data from **6 years (2020-2025)** across multiple countries using Python, uncovering trends in year-on-year GDP growth with statistical visualizations.

Processed and cleaned a dataset of **~200+ country-entries**, performing **exploratory data analysis (EDA)**, correlation, and forecasting to identify top & lagging economies.

Built automated scripts that reduced data preparation and reporting time by **40%**, enabling quicker insights for policy and investment decision-making.

Online Sales Analytics Dashboard – Power BI Project

Built an advanced Power BI dashboard with dynamic filters, calculated fields, and custom visuals to analyze online sales Performance.

Created a variety of custom visualizations such as **bar charts**, **pie charts**, **donut charts**, **line graphs**, **area charts**, **scatter plots**, and **Geographic maps to represent data effectively**.

Enabled performance tracking by integrating time-based filters (e.g., monthly, quarterly, yearly sales trends).

Streamlined data integration of **100K+ records** using Power Query and optimized data modeling, **reducing reporting time by 30%**.

LICENSES & CERTIFICATIONS

[Scrum Fundamentals](#)

[Google Data Analytics](#)

[Python for Data Science, AI & Development](#)

[SQL Programming for Data Analysis](#)

[Excel for DA IBM](#)

[PowerBI](#)