

# Rahul Fulwadhwa | PGDM - Big Data Analytics (GIM)

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## Summary

Data Analyst with 2+ years of experience leveraging data analysis, machine learning, and automation to solve business problems and improve decision-making. Proven ability to extract insights from diverse data sources, develop data visualizations, and build automated tools that enhance efficiency and performance. Skilled in communication and collaboration, with a strong track record of delivering results across various industries.

## Summer Internship 2 Months

ABP Network Pvt. Ltd. Product Manager Intern Apr 2023 - May 2023

OpenAI Integration with ABP CMS	<ul style="list-style-type: none"><li>Leveraged OpenAI API to design features that enhance productivity and streamline the publishing process.</li><li>Implemented features like a keyword generator, headline &amp; lead generator, meta title, and description generator, resulting in a 15% reduction in content creation and publishing time and a 10% improvement in SEO scores.</li></ul>
Gaming Content Recommendation	<ul style="list-style-type: none"><li>Extracted session data from Google Analytics and preprocessed it using Python.</li><li>Analyzed correlations to identify games with low visit rates but high session times. Recommended these games for increased visibility, resulting in a 20% user engagement increase, improved website performance &amp; user experience.</li></ul>

## Professional Experience 30 Months

State Street HCL Analyst Nov 2020 - Dec 2021

- Leveraged Pandas and Python skills to extract and analyze data from diverse sources, generating actionable insights for key stakeholders.
- Created operational reports in Power BI to identify improvement areas and optimize resource allocation, resulting in a 7% cost reduction.
- Coached 5 new hires on data extraction, report building, data analysis fundamentals, and data visualization aesthetics.
- Developed and implemented a new, optimized reporting system leveraging Python and Power BI to deliver real-time insights for business KPIs.

Resident Tax Associate Jul 2019 - Oct 2020

- Managed communication between various teams and stakeholders to ensure efficient development of the Resident Tax App.
- Developed product dashboards and reports using Power BI, resulting in 25% faster decision-making and improved data accuracy by 15%.
- Generated over 1,000 leads through the design and implementation of targeted marketing campaigns and email content.
- Analyzed competitors and market trends to design the user interface (UI) and wireframes for the Resident Tax App.

## Projects

Car Resale Value Prediction App	<ul style="list-style-type: none"><li>Programmed a machine learning model achieving 92% accuracy through optimization techniques like grid search CV.</li><li>Deployed the model on a web application to facilitate easy price prediction based on user-provided car details.</li></ul>
Sentiment Analysis for "Bhumi NGO"	<ul style="list-style-type: none"><li>Trained a Latent Dirichlet Allocation (LDA) model to classify topics from scraped tweets using SNS Scrape. This enabled the NGO to quantify stakeholder sentiment across 3 key areas of their operations.</li><li>Further analyzed sentiment using the RoBERTa model, providing data-driven insights for improved decision-making, strategic planning, and stakeholder engagement.</li></ul>
Financial Portfolio Optimizer	<ul style="list-style-type: none"><li>Programmed a portfolio optimization script that calculates optimal investment weights for up to 9 financial instruments in under a minute. This tool empowers individuals and organizations to maximize returns, minimize risks, and make informed investment decisions.</li></ul>

## Education

- PGDM - Big Data Analytics | 2024 | Goa Institute of Management
- BBA - Finance | 2019 | Nagpur University

## Certifications

- Azure Data Scientist Associate, Microsoft, Ongoing
- Introduction to SQL, Kaggle, 2023
- Diploma in Management Accounting, CIMA, 2018

## Achievements

- Lead, Digital Campaigns, Learnathon, 2018 - Led a team of 5, generating over 10,000 organic engagement and a footfall of 4,000 attendees.
- Senior Committee Member, Curio, 2022-2024 - organized 10 workshops, 4 competitions, and events centered around literature and creativity.

## Skills

- Advanced Analytics Techniques: Machine Learning, Artificial Intelligence, Natural Language Processing.
- Data Manipulation and Analysis: Power Query, Microsoft Power BI, SQL, R, Python, TensorFlow, NumPy, Pandas.
- Business Intelligence and Reporting: Azure, AWS, Google Cloud Platform, JMP, Tableau, Looker Studio, Power Point.
- Communication and Collaboration: Excellent written and verbal communication skills; proficiency in liaising with cross-functional teams.