Rahul Fulwadhwa | PGDM - Big Data Analytics (GIM)

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Summary

Recent PGDM graduate in Big Data Analytics with a strong foundation in data science, machine learning, and cloud computing. Possess a passion for applying these skills to solve real-world problems and drive business growth. Eager to leverage academic knowledge and hands-on project experience to contribute to a data-driven organization.

Summer Internship   2 Months

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

Project 1: OpenAI Integration with ABP CMS

- **Leveraged OpenAI API to design features** that **enhance productivity** and **streamline the publishing process**.
- **Implemented features** like a keyword generator, headline & 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**.

Project 2: Gaming Content Recommendation

- **Extracted session data** from Google Analytics and **preprocessed it using Python**.
- **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 & user experience.

Professional Experience   14 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.

Projects

Financial Portfolio Optimizer

- **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.**

Sentiment Analysis for "Bhumi NGO"

- **Trained a Latent Dirichlet Allocation (LDA) model** to **classify topics** from scraped tweets using SNS Scrape.
- Enabled the NGO to **quantify stakeholder sentiment** across 3 key areas of their operations. Further **analyzed sentiment** using the RoBERTa model, providing **data-driven insights** for improved decision-making, strategic planning, and stakeholder engagement.

Car Resale Value Prediction App

- **Programmed a machine learning model** achieving **92% accuracy** through **optimization techniques like grid search CV.**
- **Deployed the model on a web application** to facilitate **easy price prediction** based on user-provided car details.

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, SQL, R, Python, TensorFlow, NumPy, Pandas.
- **Business Intelligence and Reporting:** Tableau, Snowflakes, Looker Studio, Power BI, AWS, Azure, GCP.
- **Communication and Collaboration:** Excellent written and verbal communication skills; proficiency in liaising with cross-functional teams.