
ROHIT KUMAR

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PROFESSIONAL SUMMARY

Proactive Business Analyst with 3 years of experience in product management within the Health and Data Science fin-tech sectors. Adept at driving the product development lifecycle from concept to delivery, ensuring alignment with organizational goals and market needs. Highly communicative and collaborative, with a proven track record of improving business operations to support corporate growth and revenue. Proficient in Python for data analysis and visualization, as well as Tableau for creating compelling data-driven insights.

SKILLS

Python

EDA and Machine learning

Jira and Agile Methodology

Project Management

SQL Language

Visualization Tools (Power BI and Tableau)

Statistics

WORK HISTORY

BUSINESS ANALYST, 08/2022 - Current

Care Health Insurance – Gurgaon

1. Project: PDF Error Prevention Python Automation Script

- In this project, developed a Python script aimed at automating operational tasks to minimize PDF errors before sending documents to customers
- The script streamlines the process of checking and rectifying common PDF errors, ensuring a smoother customer experience and reducing the likelihood of issues arising due to document discrepancies

Key Features:

- **PDF Error Detection:** The script scans PDF documents for common errors such as missing benefits, Premium issues, and Table grid inconsistencies
- **Automated Corrections:** Upon detecting errors, the script automatically applies corrections where possible, such as adding benefits, calculating premium, and enabling the right table grid to ensure compatibility and consistency
- **Quality Assurance Checks:** Additionally, the script performs quality assurance checks to verify document integrity, including checking for missing pages, and overall document structure
- **Logging and Reporting:** The script generates comprehensive logs and reports detailing the errors

detected, the corrections applied, and any remaining issues, facilitating easy tracking and auditing of document processing

Achievements:

- Every document is sent to customers error-free
- Automation techniques, to enhance operational efficiency minimize errors in document-centric workflows, and help business owners make decisions correctly

2. Project: Insurance Policy Management Dashboard Implementation

- Implemented Tableau dashboards to streamline insurance policy management processes, focusing on reckoning policy
- PDF generation, issuance, and communication delivery
- The dashboards provided real-time insights and analytics, enhancing decision-making and operational efficiency within the insurance company

Key Responsibilities:

- Collaborated with stakeholders to understand requirements and pain points in policy management
- Designed and developed Tableau dashboards tailored to recon insurance policy workflows
- Integrated data sources(oracle) and ensured data accuracy for meaningful visualization
- Implemented feedback mechanisms to continuously improve dashboard functionality and relevance

Achievements:

- Reduced policy generation time through automated workflows and real-time monitoring
- Improved policy issuance accuracy by identifying and rectifying bottlenecks in the process
- Enhanced communication delivery effectiveness by 95%, resulting in higher client satisfaction
- Received positive feedback from stakeholders for intuitive dashboard design and actionable insights
- Contributed to cost savings through optimized resource allocation and streamlined operations

3. Project: Migration of PDF Generation System

- Objective: Led the agile development for Migration of PDF Generation, employing industry-standard agile practices and methodologies to deliver high-quality template solutions within tight deadlines

Key Responsibilities:

- Collaborated with cross-functional teams to define project scope, objectives, and deliverables
- Facilitated sprint planning, daily stand-ups, sprint reviews, and retrospectives to ensure project progress and alignment with business goals
- Prioritized and managed product backlog, ensuring continuous refinement and alignment with stakeholder requirements

Achievement:

- Implemented efficient PDF generation systems, reducing processing time
- Ensured compliance with industry regulations and document standards
- Implemented agile best practices, resulting in improved team productivity, faster time to market, and enhanced product quality
- Received positive feedback from stakeholders for effective communication, transparency, and responsiveness throughout the project lifecycle

- Recognized as a key contributor to project success, demonstrating strong leadership, problem-solving, and decision-making skills in challenging situations

4. Machine Learning Project for Health Insurance Premium Prediction :

- Developed a machine learning model to predict the price of health insurance policy premiums when policies enter the underwriting bucket

Key Responsibilities:

- Collected and preprocessed historical data to build the training dataset
- Applied linear regression machine learning algorithms to predict premium prices
- Evaluated model performance using metrics like RMSE and R-squared
- Deployed the model into production and integrated it with existing underwriting processes

Achievements:

- Increased the accuracy of premium predictions, leading to more accurate pricing strategies
- Reduced underwriting time by providing real-time premium estimates
- Enhanced decision-making capabilities by integrating predictive analytics into the underwriting workflow.

QUANTITATIVE ANALYST, 09/2020 - 10/2021

IRAGE LLP – Gift City

- Engineered a Python script leveraging exploratory data analysis (EDA) techniques to extract and scrutinize stock data from the National Stock Exchange (NSE) website
- Incorporated Power BI for advanced visualization
- This script autonomously identifies optimal stocks by analyzing trading volume and expiry details, furnishing actionable insights crucial for investors and traders

Achievements:

- Developed automated stock analysis script that significantly reduces manual effort and time required for analyzing stock data, enhancing efficiency and productivity for investors and traders
- Identified key insights and trends in stock trading volumes and expiry details through exploratory data analysis (EDA), enabling stakeholders to make informed investment decisions.
- Identified key drivers of financial markets through econometric modeling techniques, providing valuable insights to inform investment decisions.

EDUCATION

Bachelor of Technology (B.Tech): Electronics and Communications Engineering, 2020

Maharaja Agrasen University - Himachal Pradesh

- **Got CGPA 9.2**
- **Silver Holder**

CERTIFICATIONS

- **Post Graduate Certificate Program in Data Science and Machine Learning** Manipal University,

2024

- **Business Analyst** Manipal University, 2022
- **MASTER PROGRAM IN ARTIFICIAL INTELLIGENCE Simplilearn** Certificate ID: 1995602, 2020
- **MACHINE LEARNING ADVANCED CERTIFICATION TRAINING Simplilearn** - Certificate ID: 1718426, 2020
- **ESSENTIAL LINEAR ALGEBRA FOR DATA SCIENCE**