Mohamed Yusuf S

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Summary of Qualifications

- As a Business Analyst, I have successfully developed and executed strategies for optimizing various business processes, within Lean manufacturing and supply chain management.
- Conducted exploratory data analysis, data wrangling, statistical testing, and predictive modeling using data from various internal ERP systems. Evaluated results from the data analysis to summarize findings and used them to produce deliverables in business reports, metrics, and key analysis for senior management.
- Proficient in various business requirement elicitation techniques, Business Modeling and cost benefit analysis that facilitated informed decision making and execution of business strategies.
- Contributed to finding risks and opportunities related to demand and supply planning, sourcing raw material and inventory management of consumer goods.

Technical Skills

Operating Systems:	Windows, Android, iOS, Mac OS
Applications:	Microsoft Excel, Azure Sandbox, SAP, MS Dynamics 365
Tools:	Google Workspace, RDBMS, Jupyter, SQLite, GitHub, Knime, SAP SAC
Visualization:	IBM Cognos Analytics, Tableau, Azure ML and MS-Power BI
Project Management:	Agile, Waterfall, Scrum, Kanban, Trello, Jira, Confluence, Gantt Charts
Languages:	SQL, Python, R, Tensorflow, R Shiny
Business Skills	Change Management, Impact Analysis,Project Planning, Conflict Management.
Analytical Skills	Advanced Statistics, Predictive ML modeling, Feature Engineering, Hypothesis testing A/B testing, Clustering, Classification, Regression, Linear Programming, Association Rule, Conjoint Analysis, PCA Analysis, Text Mining, NLP, CNN, RNN, ANN, LSTM

Education & Certifications

IBM Data Analyst Professional Certificate	**Expected Dec 2023**
Junior Data Analyst Professional Certificate	**Expected Dec 2023**

NPower Canada │ Vancouver, BC
14-week intensive online training on the fundamentals of computer technology and project management

- Utilized Python and Excel spreadsheets to perform data wrangling and data mining.
- Developed working knowledge of Python for data analysis using Pandas and Numpy

- Effectively completed a capstone project by collecting data from multiple sources, performing exploratory data analysis, data wrangling, statistical analysis and data mining using Python libraries
- Worked extensively on creating charts and plots to visualize data, and building interactive dashboards using IBM Cognos Analytics, and Excel charts and graphs.
- Visualized data using Python libraries including Matplotlib, Seaborn, Plotly and Dash
- Composed queries to access data in cloud databases using SQL and Python using Jupyter Notebook
- Explained cloud concepts, benefits of cloud computing and core Azure architecture components
- Used core Azure services, and choose the Azure AI services that best address a company's challenges
- Controlled Azure spending and managing bills by applying recommended practices to minimize cost
- Demonstrated a high level of understanding of Agile Project Management Lifecycle and key techniques, and successfully complete Agile projects using tools such as Scrum, Kanban and Gantt Charts
- Identified Class Imbalance, Normalised the data, reduced the dimensions, performed feature engineering, trained and tested the dataset, developed and identified the best ML model and continuously tuned the model for best accuracy and performance.

Microsoft Azure Fundamentals Professional Certificate   **Expected Dec 2023**

Master's in Business Administration (International Management)   **Apr 2005**

Pondicherry University │ Pondicherry, India
  - · Projects: Business Analysis on Market penetration of a Pedia nutritional product "Zincovit" where i personally interviewed 100+ Medical Doctors

Bachelor of Computer Science   **May 2003**

Madurai kamaraj University │ Madurai, India

Work Experience

Business Analyst   **Oct 2020 – Apr 2023**

Medlar Infotech Ltd │ Chennai, India

- Possess extensive working experience in various SDLC methodologies such as Scrum, Waterfall, Spiral, Waterfall-Scrum Hybrid and Kanban, including expertise in their transitions .
- Involved in multiple SDLC and ERP implementation projects by effectively integrating existing ERP systems with external applications that streamlined operations, and drove revenue growth by 15%.
- Collaborated with the Project Manager and Product Owner to optimize team efficiency by developing comprehensive project plans, end-to-end task and milestone lists.
- Implemented personalized product recommendation systems, streamlined the checkout process, and integrated Inventory management system with POS which improved user experience and increased footprints by 12%.
- Utilized tools such as Jira and Confluence to ensure accurate tracking and monitoring of project progress.
- Professionally Gathered, Analyzed, and Documented functional, non-functional and GUI requirements.
- Employed various elicitation methods and conducted GAP Analysis to evaluate the compatibility of existing systems infrastructure with new business requirements, which improved system performance and reliability.
- Assisted in Documentation of Requirements, Analysis, Specifications, Design, Development, Testing, and Delivery resulting in an average of 25% reduction in development time and increased product quality.
- Performed quantitative and qualitative analysis resulting in a 30% improvement in project efficiency.

- Assisted in creating Mock-Up Screens and Wireframes using Balsamiq for UI components for client verification.
- Drafted Project Charter Document, Business Requirement Document (BRD), and System Requirement Document (SRD), BPML, and ERD diagram achieving a 20% reduction in documentation errors and improved clarity.
- Participated actively in Scrum ceremonies such as Backlog Grooming, Sprint Planning, Sprint Review, and Sprint Retrospective meetings, achieving a 20% improvement in team collaboration and communication.
- Created comprehensive user stories which helped us to deliver the MVPs on planned milestones and improved team performance. Assisted in writing acceptance criteria and framing the DOR and DOD for Potentially Shippable PI.
- Utilized and monitored project management team tools for process mapping, track tasks and monitor roadmaps, resulting in a higher improvement in project transparency and accountability.

Business Analyst   - Supply Chain and Operations   **Feb 2015 - Sep 2020**
Global Source Impex Pvt Ltd │ Chennai, India

- Conducted exploratory data analysis, data wrangling, statistical testing, and predictive modeling using data from various internal ERP systems. Evaluated results from the data analysis to summarize findings and used them to produce deliverables in business reports, metrics, and key analysis for senior management.
- Performed KPI analysis to drive improvements in business operations and done other analyses such as Customer segmentation, RFM Analysis, Trade Area modeling, CLTV analysis, MBA Analysis and Inventory Optimization.
- Used data trends and trend analysis to alert the concerned heads of potential risks that may arise in current approaches towards various analytics, research, and forecasting projects.
- Prepared various Ad-hoc reports as Dashboards and business metrics that could help with business decisions.
- Effectively managed inventory and streamlined the order fulfillment process.
- Managed demand forecasting system powered by ML Algorithms and statistical modeling techniques, achieving a 25% improvement in forecast accuracy, 20% reduction in stockouts, and 15% increase in customer satisfaction.

Manager   - Sales and Supply chain Operations   **June 2005 - Jan 2015**
Yesesi Supermarket Pvt Ltd │ Chennai, India

- Worked collaboratively in areas of Sales, Operations, Warehouse and Procurement Division.
- Monitored sales team performance and focused on strategies for effective customer engagement.
- Implemented strategic pricing methods, resulting in a 10% cost savings on purchases.
- Executed innovative inventory optimization strategy level resulting in a 18% reduction in carrying costs, 27% decrease in excess inventory, and 98% service level maintenance
- Established strategic partnerships with key suppliers to implement collaborative forecasting processes and shared inventory visibility, achieving a 22% improvement in forecast reliability, 16% reduction in stockouts, and 20% decrease in order lead time.

Certifications

PG Program in **Business Analytics and Business Intelligence**, GLIM, & University of Texas - Oct 2022
SAP Global certification in Integrated Business Planning 2021
SAP Global certification in SAP Analytics Cloud