VIJAY KUMAR ANDEM

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Data-driven Business Analyst with 13+ years of experience and a recent transition into AI-augmented analytics and intelligent data solutions. During a focused freelance phase, developed and prototyped solutions using cutting-edge tools such as Large Language Models (LLMs), Retrieval-Augmented Generation (RAG), LangChain, PandasAI, and ChatGPT plugins. Skilled in automating reporting pipelines, building smart data products, and delivering strategic insights using Python (Pandas, Streamlit, Matplotlib), SQL, Power BI, and Tableau. Proven ability to bridge traditional BI practices with emerging AI technologies for scalable, next-gen analytics solutions.

Skills:

- SQL, Python, Tableau, Power Bi, Pandas, AWS, VBA, SPSS Modeler, Advanced Excel
- Data analysis, reporting, data visualization, business intelligence, data management, automation, machine learning (Beginner), LLM.

Education:

Qualification	YOP	Institute	University
B.Sc. (Maths, Stats, Comp Sci)	2005	New Science P.G College	Kakatiya University

Key Achievements:

- Automated 50+ reports by migrating from Excel to Tableau, Power BI, and Streamlit improving reporting efficiency and data accessibility.
- Developed a Python-based querying web app enabling non-technical marketing teams to access business data with minimal SQL knowledge.
- Scheduled and automated thousands of weekly data pulls from databases using Python scripts, optimizing data pipeline performance.
- Created dynamic dashboards and visualizations using Tableau and Power BI for business KPIs and ROI metrics, reducing manual reporting efforts.
- Built complex SQL queries and database objects (tables, views, procedures) to support analytics and reporting needs across IBM DB2 and MSSQL.
- Led initiatives to streamline reporting processes, enhancing accuracy, and minimizing manual intervention using Cognos and Tableau/Power Bi.
- Automated recurring Excel-based reports into interactive Tableau dashboards using filters, parameters, and action filters for better stakeholder engagement.

Badges & Certifications:

Data Science:

- Machine Learning with Python (Level 1)
- Applied Data Science with Python (Level 2)
- Data Science Foundations (Level 1)
- Python for Data Science
- Deep Learning Essentials
- Accelerated Deep Learning with GPU

Data Analysis:

- Data Analysis with Python
- Data Visualisation with Python

Others:

- IBM Agile Explorer (Foundational)
- Optimizely X Web Foundations (Jan 2020)

Awards & Accolades:

- Winner, Advent of code competition, December 2022
- Manager choice Employee of the Quarter, Q1 2018 and Q4 2018.
- Has awarded best spot award three times in Quarterly R&R (Reward and Recognize).
- Has been awarded for excellent performance as Emerging I-Star in current organization.
- Received Individual Extra Miler Award.

Professional Experience Summary:

Career Transition – Strategic Planning & Independent Exploration
Jan 2024 – May 2025 | Remote

Undertook a planned career transition to explore entrepreneurial opportunities in data and analytics consulting. This period was dedicated to strategic skill enhancement, market research, and the development of AI-integrated proof-of-concept solutions using tools such as LangChain, PandasAI, Streamlit, ChatGPT plugins, and OpenAI APIs, with the long-term goal of launching a scalable, analytics-focused venture.

- Conducted extensive research into AI-driven analytics trends, including the integration of LLMs and automation in business intelligence.
- Designed and prototyped data products through self-initiated learning projects, contributing to the open-source community using Python, Streamlit, OpenAI APIs, and analytics-focused AI tools such as LangChain, PandasAI, and ChatGPT plugins to explore real-world business applications.
- Focused on upskilling in advanced analytics, RAG-based architectures, and natural language interfaces to strengthen business readiness.

Business Analyst | Cavinkare Pvt Ltd | Mar 2022 – Dec 2023
FMCG – Growth Marketing, Personal Care Division

- Conducted data-driven market research and customer behavior analysis using Neilsen/Kantar, enabling strategic marketing initiatives.
- Delivered predictive insights to C-suite for marketing strategy, contributing to legal cost savings and campaign effectiveness.
- Collaborated cross-functionally to execute marketing plans based on actionable analytics and performan KPIs.
- Led performance tracking, marketing budget analysis, and reporting through automated dashboards and visualizations using Power Bi.

Marketing Analyst | IBM India Pvt Ltd | Jul 2016 – Mar 2022
Global Business Partner Marketing – Marketing Services Center (MSC)

- Designed and automated global marketing dashboards analyzing performance, revenue pipeline, and business partner effectiveness.
- Provided strategic marketing recommendations based on weekly campaign/channel analysis using SQL, Python, and visualization tools.
- Researched competitive strategy and built insights dashboards for global marketing leaders.
- Drove marketing process optimization and operational efficiency through adoption of analytics and automation.

Reporting Analyst | Indegene Life Systems Pvt Ltd | Aug 2015 – May 2016
Project: Pfizer North America

- Delivered automated marketing and sales performance reports by combining business domain knowledge with data mining and visualization.
- Created dashboards and answered ad-hoc business queries by extracting, analyzing, and transforming large datasets.
- Supported consulting initiatives by identifying customer insights and improving data presentation methods.

Data Analyst | Infosys Ltd | Mar 2011 – Aug 2015
Project: Centralized Processing Centre – Income Tax Dept (Govt. of India)

- Developed and automated reports/dashboards using Excel, SQL, VBA, and MS Access to streamline tax processing insights.
- Translated business requirements into reporting solutions, enabling informed decision-making and operational improvements.