Akash Bhargava

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SUMMARY

Detail-oriented Data Analyst with a track record of collaborating with stakeholders, developing analytical frameworks, and delivering strategic insights to support business strategies. Experienced in leveraging advanced data-driven problem-solving techniques and effective communication of findings to senior leaders.

EDUCATION

University of Texas at Dallas											**Dallas, TX**
MS in Business Analytics											*Aug 2021 – May 2023*

SRM Institute of Science and Technology									**Chennai, India**
B. Tech in Information Technology										*Aug 2016 – May 2020*

PROFESSIONAL EXPERIENCE

Altifarm Enverde											**Remote, US**
Senior Data Analyst											*Aug 2023 – Present*
- **Market Research & Product Analytics**: Achieved a 15% increase in conversion rates and a 20% improvement in customer engagement by collecting marketing data and other customer data and analyzing it using analytical techniques such as root cause analysis and hypothesis testing to provide insights that support informed decision-making.
- **Data Mining**: Achieved a 95% data completeness rate and a 30% reduction in data inconsistencies through meticulous cleaning, preprocessing, and data validation. These improvements ensured the accuracy, consistency, and reliability of data, significantly enhancing the precision of key performance indicators and bolstering the effectiveness of business analysis.
- **Data Visualization & Communication:** Enabled data-driven initiatives by creating impactful data visualizations and comprehensive reports using digital tools, resulting in a 25% increase in click-through rates and a 10% rise in customer satisfaction scores, effectively communicating findings and feedback to stakeholders.
- **Teamwork & Collaboration**: Collaborating seamlessly with cross-functional teams to drive strategic data-driven initiatives, focusing on performance measurement through metrics like a 12% increase in ROI and a 15% reduction in customer acquisition cost, while prioritizing root cause analysis to optimize outcomes.

Tools Used: ETL, Looker, Python, PowerBI, MS Office (Excel with VBA, Word, PowerPoint), Google Analytics, A/b Testing, Web Analytics (E-Commerce)

University of Texas at Dallas											**Dallas, TX**
Data Analyst											*Feb 2023 – May 2023*
- **Data Processing & Research**: Accomplished a remarkable 23% faster delivery of insights by incorporating Python, R, and SQL to conduct in-depth analysis of large datasets, uncovering valuable trends and patterns that empowered data-driven business decisions.
- Designed software using Java and Python while implementing security tools enhancing security measures within the organization by 32%.
- **Data Management and Validation**: Gained 50% more accurate analysis and reporting by demonstrating proficiency in data management techniques, including data warehousing procedures, data validation, and SQL database maintenance.

Tools Used: SAS, Python (Panda, NumPy, Scikit Learn), Java, SQL, R (dplyr, ggplot2), Security Operation (Vectra, Hive), Data Warehousing, Adobe Analytics

Asha Electronics Pvt Ltd											**Mumbai, India**
Business Data Analyst (Internship + Full -Time)								*Sep 2017 – Aug 2021*
- **Business Intelligence**: Improved data accessibility by 20% through the performance of analytics techniques and scripting languages such as Python and SQL to analyze intricate datasets, resulting in actionable insights.
- **Product Management**: Achieved a remarkable 68% enhancement in existing customer satisfaction and forecasted a 27% surge in new customers through a combination of ad hoc data analysis, hypothesis testing which supported KPIs related to product performance, pricing strategies contributing to substantial improvements in business success.
- **Performance Analysis**: Led to a 20% improvement in operational efficiency and a 15% increase in revenue by creating comprehensive reports and dashboards using data analysis tools providing integrated views for data-driven decision-making.
- **Strategy Planning & Supply Chain**: Spearheaded the application of analytics techniques to surpass yearly savings plan by 30% and achieve $200K in cost savings, led strategic initiatives including low-cost sourcing, focused negotiations, engineering changes, and component resourcing across suppliers, driving substantial financial outcomes.
- **Optimization, Forecasting, and CRM Consulting:** Championed resource optimization, cost efficiency, and CRM consulting by managing a $1.5M global spend; utilized advanced analytics skills to identify cost-saving opportunities which resulted in a 25% reduction in operational expenses, with a strong emphasis on forecasting accuracy and comprehensive documentation of cost-saving strategies.

Tools Used: Snowflake, Python (Panda, NumPy, Scikit Learn), MySQL, Tableau, Microsoft Excel, Quantitative Analysis, Data Modeling

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LEADERSHIP EXPERIENCE

Financial Analysis of Company at HEC Paris | Corporate Finance						**Paris, France**
Project Management, FP&A, Risk Management									*Jun 2019 – Jul 2019*
- Streamlined financial analytics process through advanced web scraping methods, resulting in a significant 50% decrease in manual effort and boosting data accuracy by 15%.
- Led and guided a high-performing team of 5 members in analyzing and interpreting data findings, resulting in a remarkable 10% revenue increase under senior management's guidance.

PROJECTS

Semantic Search Application | Python, ML, OpenAI [Github]
- Spearheaded the development and implementation of an innovative semantic search code leveraging OpenAI's API, resulting in a 20% enhancement in search accuracy operating data warehousing procedures.
- Operated the semantic search code to analyze large datasets, resulting in a reduction of 50% in the time required to find specific words, sentences, and speeches.

Banking Application | Python, AWS Sagemaker, FinTech, S3 [Github]
- Achieved 95% accuracy in predicting test data endpoints by applying the xgboost algorithm to train and deploy predictive models, resulting in actionable understandings for decision-making.
- Leveraged advanced data visualization techniques to present findings from bank data analysis, leading to 36% improved understanding and decision-making among stakeholders.

Airline Ticket Price Analysis | Python, Business Intelligence, Power BI [Github]
- Performed in-depth data analysis using Python and developed a comprehensive Power BI Dashboard resulting in 20% enhanced data visualization and easier interpretation of flight information.
- Employed advanced statistical techniques to answer critical questions related to the number of flights available, ticket availability from different classes, prices, and other important factors influencing customer purchasing decisions which led to 30% better decision-making.

SKILLS

Programming Languages: Python, SQL, R, JavaScript, Tableau, Power BI, Excel, Tableau Dashboard, Medium Article, A/B Testing, Math, Economics, Statistics
Certifications: AWS Cloud Practioner, Google Analytics, AWS Sagemaker, Alteryx Data Analytics, IBM Applied Data Science