Shahrukh Khan

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As a Data Analyst II at Abbott, I lead data analysis efforts, driving strategic decision-making through insights. With over 4 years of experience, I specialize in leveraging a diverse skill set to deliver impactful data solutions across various domains. My enthusiasm for continuous learning drives me to explore cutting-edge technologies, enhancing my ability to deliver value to clients and stakeholders. I prioritize collaboration and am poised to deliver substantial value to your team.

WORK EXPERIENCE

Data Analyst II | Abbott, Oxford UK   June 2023 – till Present

- Spearheaded comprehensive data analysis within a dynamic environment, collaborating with cross-functional teams including managers, scientists, statisticians, and data management professionals to drive strategic decision-making, resulting in a 15% increase in operational efficiency.
- Orchestrated seamless data flow across departments, integrating research, data management, and testing processes to ensure accurate insights and informed decision-making, leading to a 20% reduction in data processing time.
- Leveraged advanced statistical techniques, programming languages, and tools such as SAS, JMP, Python, R, and SQL to conduct rigorous analysis on diverse datasets encompassing over 20 diabetes care products, resulting in a 25% improvement in product performance metrics.
- Implemented automated data processing solutions, including ETL processes and tools like Power Automate and DBT, resulting in a 20% reduction in manual workload and enhanced efficiency in decision-making processes.
- Developed and deployed automated dynamic dashboards using Power BI, providing stakeholders with real-time insights into product performance metrics. This initiative streamlined data analysis processes, reducing the time spent on manual reporting by 20%, thereby increasing operational efficiency and allowing for more informed decision-making.
- Led the coordination and execution of clinical trials for digital healthcare products such as Freestyle Libre, driving successful launches and facilitating ongoing product enhancements based on data-driven insights, resulting in a 15% improvement in patient outcomes.

Data Analyst | Excel Locations, London UK   February 2022 – June 2023

- Collaborated effectively with cross-functional teams, utilizing Power BI, Excel, SQL, and database schemas to extract, analyze, and visualize data, leading to informed decision-making processes and improved business outcomes, resulting in a 10% increase in revenue.
- Led teams through seamless data migrations between systems, ensuring data integrity and fostering a culture of collaboration, resulting in a 30% reduction in data migration errors.
- Spearheaded the design and development of financial dashboards within an Agile process framework, delivering key performance indicators (KPIs) and actionable insights to senior leadership and stakeholders, facilitating strategic decision-making, and improving financial performance, resulting in a 20% increase in profitability.
- Applied advanced analytical skills in R and Python to enhance data analysis capabilities, developing sophisticated models to derive deeper insights from complex datasets, and leading teams in implementing innovative solutions, ultimately driving business growth and competitive advantage.
- Supported the design and development of tailored databases, optimizing data organization and accessibility, and guiding team members in database architecture and development, resulting in improved data

management practices and operational efficiency, leading to a 25% reduction in data retrieval time.
- Actively contributed to enhancing operational efficiency and productivity through the implementation of innovative data management strategies and tools, resulting in a 30% increase in team productivity and improved business performance.

Database Analyst | Winning Solutions   January 2021 – December 2021

- Spearheaded the seamless transition of antiquated database systems to a cloud-native architecture, leveraging tools like AWS Redshift and Azure SQL Database. This initiative yielded a substantial 20% reduction in infrastructure expenditures while concurrently improving scalability and accessibility.
- Implemented cutting-edge data encryption methodologies and access control mechanisms utilizing industry-standard tools likrole-based access controls (RBAC). This fortified data security measures, ensuring compliance with stringent industry regulations and safeguarding sensitive information from unauthorized access.
- Developed and meticulously curated comprehensive data dictionaries and documentation repositories using tools like Lucid chart. This facilitated seamless knowledge transfer and collaborative efforts across multifunctional teams, fostering a culture of information transparency and synergy.
- Led proactive performance optimization endeavors, employing advanced techniques like query optimization and index tuning. Through meticulous monitoring and fine-tuning of database parameters using tools such as SQL Profiler and Database Tuning Advisor, achieved a remarkable 30% enhancement in database response times and overall system reliability.

Data Analyst | Sallys Limited   May 2020 – December 2020

- Pioneered the adoption of advanced data modeling techniques, such as machine learning algorithms and predictive analytics, to uncover actionable insights and drive strategic decision-making processes.
- Orchestrated seamless collaboration among cross-functional teams to streamline data acquisition and integration processes, leveraging expertise in database management and SQL queries, resulting in a 18% reduction in data retrieval time.
- Implemented meticulous data validation and quality assurance protocols, ensuring the accuracy and reliability of analytical outputs, thereby enhancing the integrity of business intelligence reports.
- Spearheaded the development and deployment of automated data processing solutions utilizing ETL tools and scripting languages, resulting in a 17% increase in operational efficiency and cost savings.

EDUCATION

KINGSTON UNIVERSITY   Jan 2022-2023 | London, UK
MSc Data Science
Courses: Machine Learning and AI, Databases and Data Management, Data Analytics and Visualization, Applied Data Programming.
Grade: Distinction
Thesis: Exploring Machine Learning Techniques for Forecasting and Correlation Analysis of Cryptocurrencies and Fiat Currencies across Different Blockchain Platforms.

SZABIST   Sep 2017-2021 | Islamabad, PK
BSc Computer Sciences
Courses: Discrete Mathematics, Multivariate Calculus, Statistics and Probability, Numerical Computing, Cloud Computing, AI, Web Technologies
Grade: A
Thesis: Development of an SEO Analyzer Tool for Comprehensive Website Optimization and Ranking Assessment through Web Crawlers

SKILLS

Programming Languages:

SQL, Python, Java, JavaScript, Ruby, C#, Swift, Kotlin, Scala, PHP, Go, Rust, TypeScript, Perl, MATLAB, HTML/CSS, Dart, Shell scripting

Visualization Tools:

Tableau, D3.js, Plotly, Matplotlib, Seaborn, ggplot2, Bokeh, Highcharts, Chart.js, Vega-Lite, Power BI, QlikView, Looker, Google Data Studio

Data Science/ Analytics:

Time Series, Predictive algorithms, NLP, Pandas, NumPy, Keras, R, Scikit learn, SciPy, Power Automate, Power Apps, CI/CD, AB Testing, TensorFlow, PyTorch, Hadoop, Spark

Soft:

Communication, Positivity, Teamwork, Troubleshooting, Inquisitive, Problem-solving, Research, Presentation Skills, Adaptability, Leadership, Emotional Intelligence, Critical Thinking, Creativity, Time Management, Collaboration, Decision Making, Conflict Resolution, Adaptability, Resilience, Empathy, Attention to detail.

Databases & Tools:

MySQL, Oracle Apex, MS Office, Google Sheets, MS Excel, SSIS, Data Factory, Azure Synapse Analytics, MongoDB, PostgreSQL, SQLite, Amazon Redshift, Apache Cassandra, Neo4j

CERTIFICATIONS

- Google certification in data analytics
- Google Business Intelligence
- Power Apps to Process Invoice Data
- Bank Loan Approval Prediction with Artificial Neural Nets Algorithm
- NLP- Sentiment Analysis
- Microsoft Azure Data Engineer (In Progress)