

AKSHAT CHHAJER

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WORK EXPERIENCE

DELOITTE CONSULTING, Analyst, Gurgaon, India

Sep 2020 – Jun 2023

- Implemented Infor EAM software for three multinational clients, resulting in a substantial annual operational efficiency increase and was awarded with a **Deloitte Live the Dot Award** for Client Centricity for a consistent **20% reduction** in client maintenance costs.
- Designed bespoke reports using IBM Cognos software for 11+ clients across diverse industries, resulting in **15% improvement** in client satisfaction ratings.
- Undertook system analysis and refined ERP system in cloud, leading to a **15% increase** in system performance.
- Streamlined Database management systems for **3 US and UAE clients**, diminishing **data retrieval time by 26%**.
- Held **10+ in-class training sessions** on project-specific procedures and assisted new team members in transitioning expertise.
- Optimized existing SQL database queries, achieving a **23% improvement** in query performance, leading to faster data retrieval.
- Applied advanced data analytics techniques to conduct **predictive modeling** for client-specific projects, enhancing strategic decision-making with a **17% accuracy boost**. Additionally, implemented **Tableau** reports and dashboards, enhancing decision-making for stakeholders by providing measurable KPIs.
- Performed **Regression and comprehensive exploratory data analysis (EDA)** to identify patterns and trends in ERP market, projecting a **18% increase** in ERP adoption in market and providing valuable insights for project optimization and delivery.

EDUCATION

University at Buffalo, The State University of New York, Buffalo, New York

Master of Science, Management Information Systems (STEM Designated)

Jul 2023 – Jun 2024

- Relevant coursework: Database Management Systems, Healthcare Analytics, Data Visualization, Data Warehousing, Predictive Analytics, Web Analytics for Ecommerce.

SRM University, Chennai, India

Bachelor of Technology, Information Technology, Graduated with Honors

Jul 2016 – Jun 2020

SKILLS & CERTIFICATIONS

Specialties: Data Analytics, Statistics, Process Improvement, Hypothesis Testing, Business Analysis, Data Science, Business Intelligence, Data Collection, Data Processing, Forecasting, Agile Methodology, SCRUM, Data Visualization, Data Engineering, Business Strategy.

Technical Tools: AWS Cloud, Microsoft Excel, Microsoft Power BI, Tableau, IBM Cognos, Google Analytics, MS Office Suite, Figma.

Programming Languages: Python (NumPy, Pandas, Seaborn, Matplotlib, Scikit-learn, TensorFlow), R, SQL, JSON, PySpark.

Databases Management Systems: Oracle, MySQL, MS SQL Server, PostgreSQL.

ETL & Data Pipelines: Apache Kafka, Apache Spark, Redshift JDBC/ODBC drivers, Azure Synapse, Azure Data Factory, Hadoop Airflow, AWS Step Functions, Amazon Redshift, Snowflake, AWS Lambda, AWS Event Bridge.

Certifications: [AWS Certified Cloud Practitioner](#), [Tableau Desktop Specialist](#), [Professional Scrum Master-I](#), [Google Project Management Certificate](#), [Business Continuity Management ISO 22301](#), [Statistics: Descriptive & Inferential Statistics](#), [Google Data Analytics Certificate](#).

PROJECTS

[Web Scrapping and YouTube API:](#)

- Leveraged Python and Google Developer API to extract insights on Top 5 YouTubers, employing data cleaning and advanced analytics for deriving performance metrics and discerning 11% trend derivation from content and engagement data.

[India Census 2021:](#)

- Executed SQL queries to cleanse and analyze data, leading to a notable 15% decrease in data anomalies. Employed Python to conduct correlation analysis and forecast annual population growth, facilitating extraction of valuable insights.

[HR Analytics Dashboard:](#)

- Developed an interactive HR analytics dashboard using PowerBI, offering significant insights and 6 key performance indicators (KPIs) essential for contemporary businesses aiming to make well-informed decisions about workforce.

[Netflix Shows and Movies Insights:](#)

- Utilized Python to clean and prepare data, reducing data errors by 19%, and completed diverse data analysis processes, including exploratory data analysis (EDA), feature engineering, and statistical modeling to extract valuable insights from Netflix data.

[Stock Market Dashboard:](#)

- Examined and derived insights for the Top 6 US Stocks by incorporating Tableau, involving essential financial analysis steps such as data cleaning, data scrubbing, and financial data wrangling, among others.

[Medicare Population Deep dive for Upstate NY:](#)

- Orchestrated the Medicare Specialty Utilization Project, integrating Python and SQL for a 22% acceleration in data analysis. Formulated an efficient patient risk model, resulting in a 30% reduction in pre-processing time and a much deeper understanding.
- Leveraged Tableau to boost decision-making process, contributing formulation of more effective healthcare strategies. - Part of MGS670 Healthcare Analytics at University at Buffalo.