

# AKSHAT CHHAJER

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## WORK EXPERIENCE

### Amazon Web Services | Seattle, WA | Business Intelligence Engineer | Jan 2025 - Present

- Design and maintain end-to-end **ETL pipelines** on **AWS**: ingest to Amazon S3, transform with AWS Glue and AWS Lambda, and load curated data into Amazon Redshift to support Global Services and cross-functional analytics.
- Develop executive-ready **Amazon QuickSight dashboards** (SPICE, parameters, row-level security) including a Go-To-Market (GTM) launch dashboard; increase adoption to 380+ monthly active users and cut manual reporting by **18 hours/week**.
- Create curated datasets and reusable **SQL views/materialized tables** (window functions, CTEs); reconcile to sources for self-serve.
- Implement robust data quality and reliability checks (null/duplicate, referential integrity, schema drift, SLA/latency monitoring, anomaly detection) with alerting, achieving a **41% reduction** in data defects.
- Partner with Support, ProServe, and Finance (**14+ stakeholders** across 4 teams) to define KPIs, translate business questions into analytical requirements, and deliver self-serve datasets, dashboards, and narratives.
- Establish and enforce **reporting style guides** and visualization standards (metric naming conventions, dimensional hierarchies, color palettes, accessibility) across the organization; adopted by 4 teams, cutting dashboard build time by **30%**.

### Humana Inc. | Louisville, KY | Senior Financial Data Analyst | Jun 2024 - Jan 2025

- Developed and maintained data models for risk adjustment, improving forecasting accuracy for member risk scores by **12%** and revenue projections by **9%**.
- Designed scalable **data warehouse** architecture handling **200M+ rows monthly**; built ETL pipelines delivering 30% faster throughput.
- Developed **8+ SQL-driven Power BI dashboards**; conducted exploratory data analysis that informed senior leadership decisions and reduced the monthly executive reporting cycle from **5 days to 2 days**.
- Established data governance policies and enforced automated data quality checks, reducing data defects by **48%** within 6 months.
- Proposed and executed process enhancements to streamline and stabilize risk adjustment workflows.

### Deloitte Consulting | Gurugram, Haryana, India | Data Analyst | Sep 2020 - Jun 2023

- Optimized ERP systems for **US and UAE clients** by restructuring the database management system using data partitioning and normalization techniques, leading to a **15% decrease** in CPU utilization.
- Collaborated with sales and marketing to **forecast** revenue using predictive modeling techniques (regression analysis and decision trees), aiding leadership in strategic planning and reducing annual operational expenses by **\$13,000**.
- Designed **IBM Cognos** workflows for 12 global clients, boosting procurement efficiency by **24%** and cutting reporting time by **16%**.
- Optimized **SQL database queries** by applying indexing and stored procedures, resulting in a **23% reduction** in query wait time.
- Partnered with **subject-matter experts (SMEs)** to gather business requirements and maintain analytics reports leveraging **Python, SQL, and Tableau**, driving a 3% expansion in market share through customer segmentation analysis.
- Implemented **Tableau** reports and dashboards that provided senior stakeholders with measurable KPIs and actionable data, contributing to **\$51.5K** in revenue growth.

## EDUCATION

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

Master of Science, Management Information Systems

Jul 2023 - Jun 2024

### SRM University, Chennai, India

Bachelor of Technology, Information Technology

Jul 2016 - Jun 2020

## SKILLS & CERTIFICATIONS

**Core Skills:** Data Analytics, Statistics, Change Management, Hypothesis Testing, Business Analytics, Data Science, Business Intelligence, Predictive Analytics, Data Processing, Fraud Detection, Agile, SCRUM, Data Engineering, Business Strategy, Statistical Modeling.

**Technical Tools:** AWS Cloud, Amazon Redshift, AWS Lambda, Amazon S3, AWS Glue, Amazon QuickSight, AWS Athena, 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.

**Database Management Systems:** Oracle, MySQL, MS SQL Server, PostgreSQL.

**ETL & Data Pipelines:** Apache Kafka, Apache Spark, Azure, Hadoop, Amazon Redshift, Snowflake, AWS Lambda, AWS Glue.

**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 Scraping and YouTube API](#), [HR Analytics Dashboard](#), [Netflix Shows and Movies Insights](#), [Stock Market Dashboard](#)

## LEADERSHIP AND AWARDS

- Volunteered for NGO named Womenite, mentoring **120 underprivileged children** on child sexual abuse and gender neutrality issues.
- Awarded the **Deloitte Live the Dot Award** in recognition of exemplary client-centric practices and for enhancing customer retention.