

Sanket Chavan

Austin, TX
+1(716)578-9525

chavansanket193@gmail.com
www.linkedin.com/in/sanketchavan08/

SUMMARY

Senior Data Analyst with **5 years** of experience at Deutsche Bank, where I owned two enterprise compliance applications end-to-end as CSM-1, built Power BI dashboards for executive and regulatory stakeholders, and engineered automated data pipelines that reduced L2 workload by 73% and cut broker feed incident resolution from 4-5 days to under 2 hours. Comfortable across the full stack: SQL, Python, Shell Scripting, Oracle, and GCP. Outside of work, independently designed and built MktMoves, a production-grade SEC filing intelligence platform processing **2.6M+** filings through Airflow-orchestrated pipelines, because solving real data problems does not stop at 5pm

SKILLS

Languages & Querying:	SQL, Python, Shell Scripting, R, PySpark
Databases & Cloud:	Oracle, PostgreSQL, MongoDB, MS-SQL, GCP, AWS
Data Engineering & ETL:	Apache Airflow, Control-M, Kafka, FastAPI, Spark
Data Modeling:	Star Schema, MVs, Indexing, DAGs, Workflow Automation, Normalization
BI & Visualization:	Power BI, Tableau, Matplotlib, Plotly, Pandas, NumPy
ML & Analytics:	Regression, Classification, NLP, RAG, Scikit-learn, NLTK
Other Tools:	Ansible, Geneos, ServiceNow, Git, Docker, JIRA, Jupyter, Postman

WORK EXPERIENCE

Deutsche Bank | *Senior Data Analyst*

Jan 2021 – Present

Project: Employee Trading Compliance Applications (SQL, Python, Power BI, GCP)

- As Client Service Manager (CSM-1), owned full operational responsibility for two enterprise-grade compliance applications, overseeing broker onboarding, infrastructure changes, capacity planning, and release management across APAC, Europe, and Americas.
- Designed and implemented a real-time broker feed monitoring system using Control-M, Oracle SQL, and hash-based file validation to process 131 daily feeds from 52 brokers. Integrated with ServiceNow APIs for automated incident creation, reducing resolution time from 4-5 days to under 2 hours and eliminating **100%** of manual tracking previously flagged in regulatory audits.
- Automated 150+ weekly manual compliance reports using Shell scripting and Oracle SQL, reducing L2 support requests from 150+ to 40 per week (**73%** reduction) and cutting report delivery time by **85%**. Standardized auto-distribution adopted bank-wide across 18+ applications.
- Eliminated direct production server access by designing an Ansible-based execution framework with RBAC and full audit logging, achieving **100%** elimination of privileged logins and significantly improving application security risk scores.
- Built a Power BI performance dashboard on ServiceNow Oracle data using Materialized Views and optimized SQL indexing, delivering **13 KPIs** that drove a **400%** improvement in L2 ticket resolution time (5 days to 24 hours), adopted across all compliance applications.
- Served as primary liaison between Compliance Officers and the Technology team, translating regulatory requirements into data solutions and producing ad-hoc reports to support executive and audit stakeholders.
- Identified skill gaps in a **6-person** L2 support team, developed structured KB articles, ran KT sessions, and guided data-driven decision-making using the performance dashboard to sustain resolution improvements long-term.
- Currently contributing to an enterprise GCP migration, working hands-on with BigQuery, GKE, and Cloud Storage to modernize data pipelines from on-prem Oracle infrastructure.

Sanket Chavan

Austin, TX
+1(716)578-9525

chavansanket193@gmail.com
www.linkedin.com/in/sanketchavan08/

People Tech Group | *Junior Data Scientist*

Sep 2019 – Oct 2020

Product: Elliptica Data Platform (**Python, Kafka, SQL, Tableau, MongoDB, MS-SQL**)

- Engineered fault-tolerant data connectors for relational and non-relational databases to capture real-time changes
- Tracked and streamed the data changes from database to the Tableau dashboard through Redshift DW.
- Performed stress testing on data pipeline for multiple use cases
- Coordinated with cross-functional remote teams for system design and sprint planning

Project: Candidate Screening Chatbot (**Rasa, Python, NLP**)

- Led backend development efforts for an advanced AI chatbot designed to conduct preliminary interview rounds, utilizing the Rasa open-source ML framework, NLP, integrated with a PostgreSQL database.
- In a rapid, two-month timeframe, successfully developed a functional prototype capable of understanding user messages, identifying intent and entities, and delivering context-appropriate responses

RELEVANT PROJECTS ([GitHub](#))

MktMoves - SEC Filing Intelligence Platform

Mar 2026

- Tech Stack: Python, Apache Airflow, PostgreSQL (Supabase), FastAPI (Railway), Next.js (Vercel), Cloudflare DNS, SEC EDGAR API
- Built a focused SEC filing intelligence platform targeting retail investors, processing **2.6M+** filings across 13F, Form 4, SC 13D, and SC 13G forms
- Architected a 3-stage Airflow pipeline (fetch, XML parse, structured load) with intelligent full/delta load detection and auto-resumes from last checkpoint on any machine
- Designed PostgreSQL schema from scratch including column definitions, indexing strategy, and query optimization for fast UI rendering
- Built rate-limit-aware SEC EDGAR API handler (10 req/sec) and custom XML parser with dedicated error tracking tables for fault tolerance
- Designed 10 proprietary analytics metrics including Sector Capital Flow Heatmap, Institutional Crowding Score, Smart Money Divergence Signal, and Insider-Institutional Alignment Score
- Deployed on lean cost-constrained infrastructure: FastAPI on Railway, Next.js on Vercel, Cloudflare DNS, live at mktmoves.com

CERTIFICATIONS

- Microsoft Certified: Power BI Data Analyst Associate
- Certified Tableau Desktop Specialist

EDUCATION

University at Buffalo, State University of New York

Aug 2017 – Feb 2019

Master of Science in Engineering - **GPA: 3.73/4.0**

Relevant Coursework: Machine Learning, Transportation Analytics, Data Mining, Data Intensive Computing, DOE

North Maharashtra University, India

Aug 2012 – May 2016

Bachelor of Engineering in Mechanical Engineering - **GPA: 8.10/10.0**