

# Adit Nuwal

## Data Analyst

Data and AI driven individual with strong analytical skills and hands-on experience in exploratory data analysis, optimizing SQL queries and creating dashboards to drive data driven decisions.

## Experience

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### Data Analyst — NJIT

- Built a Python & Azure SQL data pipeline to ingest, clean and perform SQL transformation for 800K+ survey records
- Optimized complex SQL queries and data models (joins, filtering, indexing) to reduce query latency and improve ETL efficiency across 5+ large datasets
- Gathered business needs from stakeholders & collaborated with team members to design Power BI dashboards that track 10+ KPIs to present to NJIT leadership and support strategic decision-making

### Research Assistant — NJIT

- Built ETL pipelines using Pandas and SQL to clean, standardize and resolve data inconsistencies for 1M+ chemical records
- Tested and implemented new scalable data access systems using 8+ APIs, ensuring functionality aligned with requirements
- Documented system functionality, data flows, reproducibility steps and changes made to present weekly progress reports

## Education

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## Skills

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English, Communication, C++, Python, SQL