

Tasked with transferring data into new formats to make the information more appropriate for analysis. Built analytical tools to automate the data collection process and decrease the amount of time for reporting and suggesting technological advancements and/or changes.

- Created and improved computer software and hardware under the direct supervision of the lead data scientist and computer engineers.
- Helped develop streamlined algorithms to reduce the amount of processing time and make computer tasks more efficient.
- Tested scalable schema designs, relational database, query performance, workflow optimization, and documentation.
- Developed significant and concise analytic objectives according to business goals and initiatives and under the guidance of department supervisors.
- Designed and built interactive dashboards, machine learning models, and innovative analytics tools using a variety of programming languages.