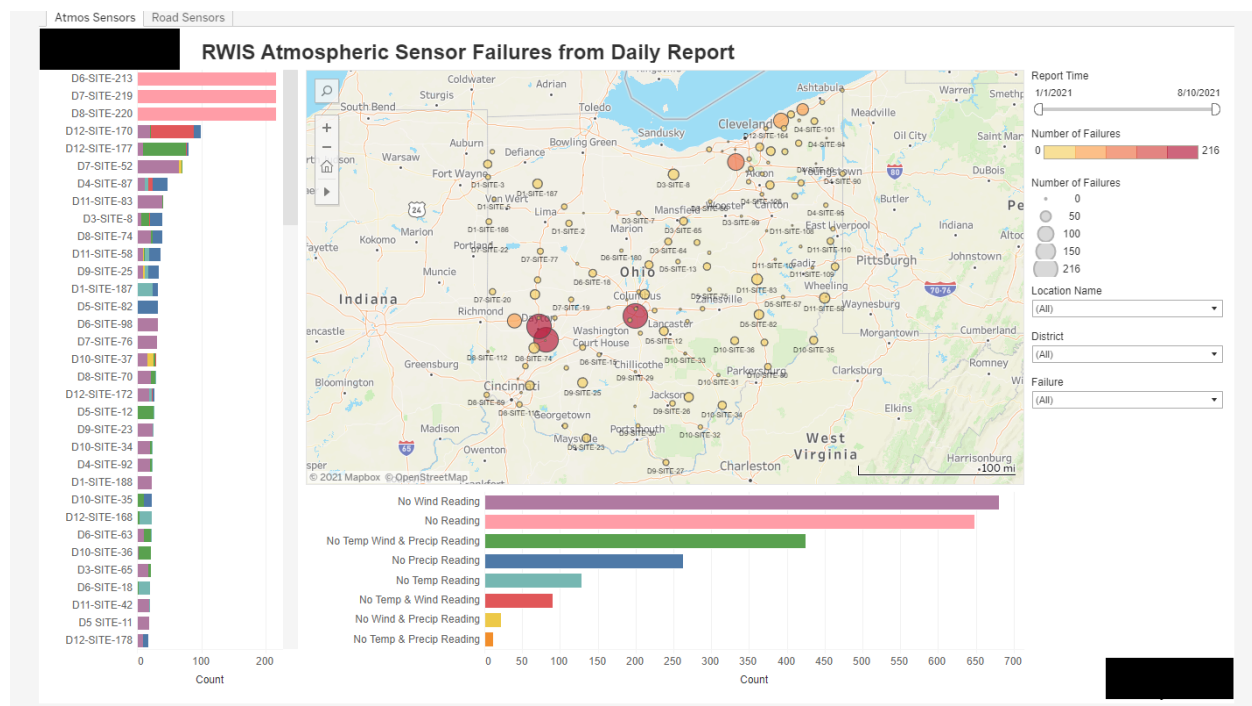
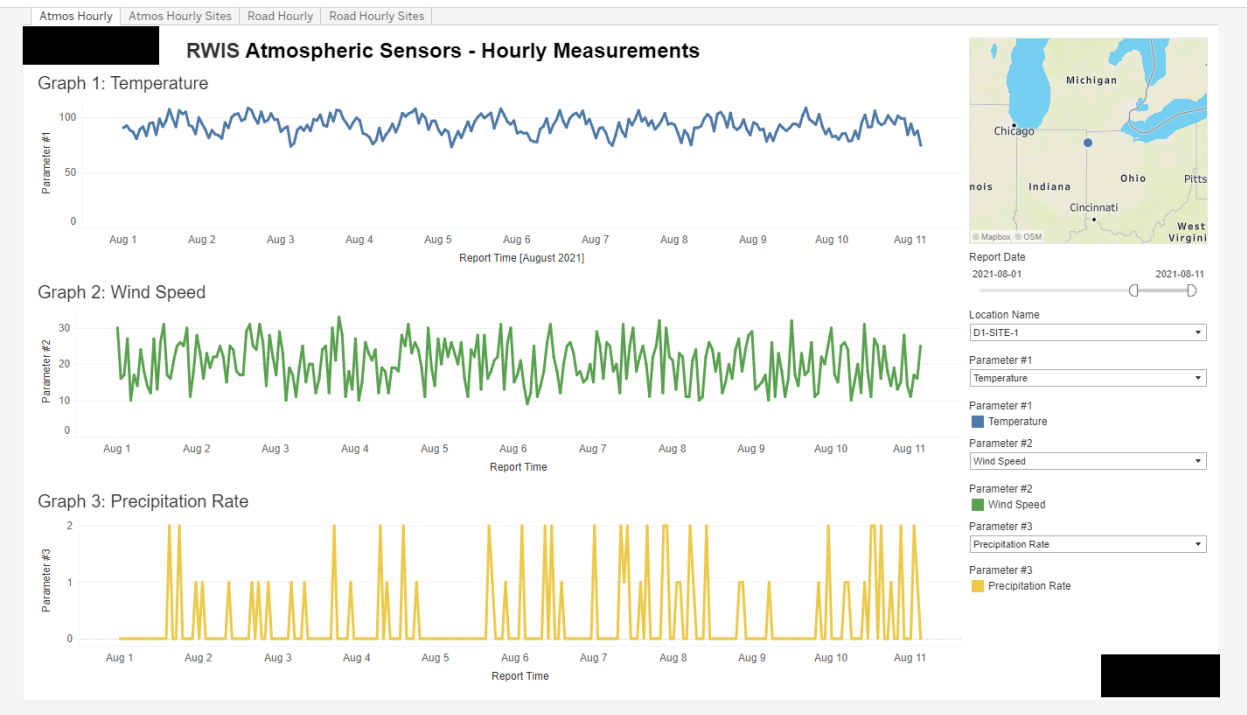
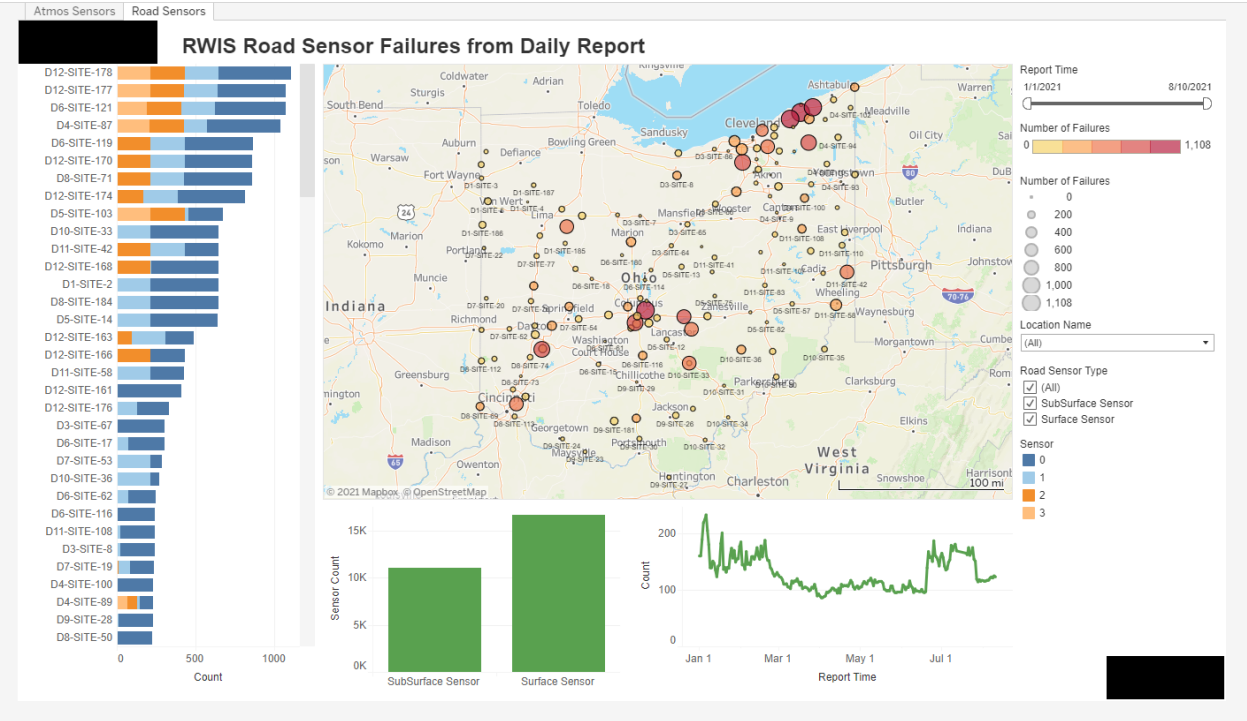


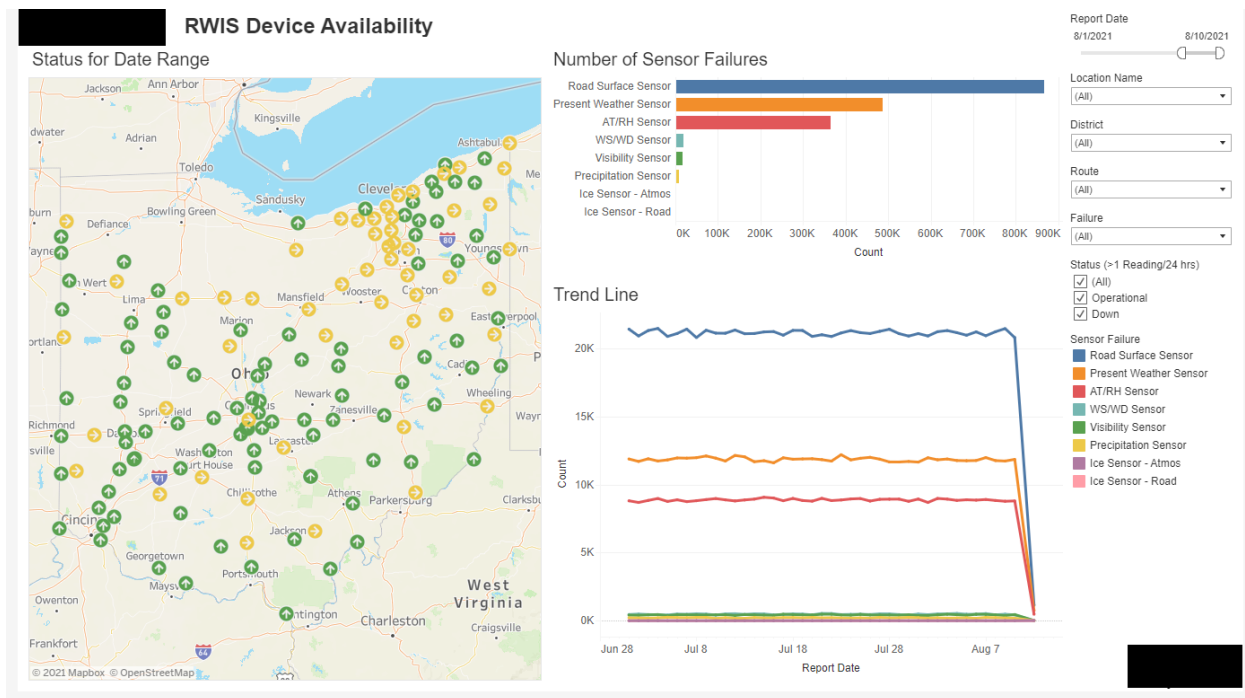
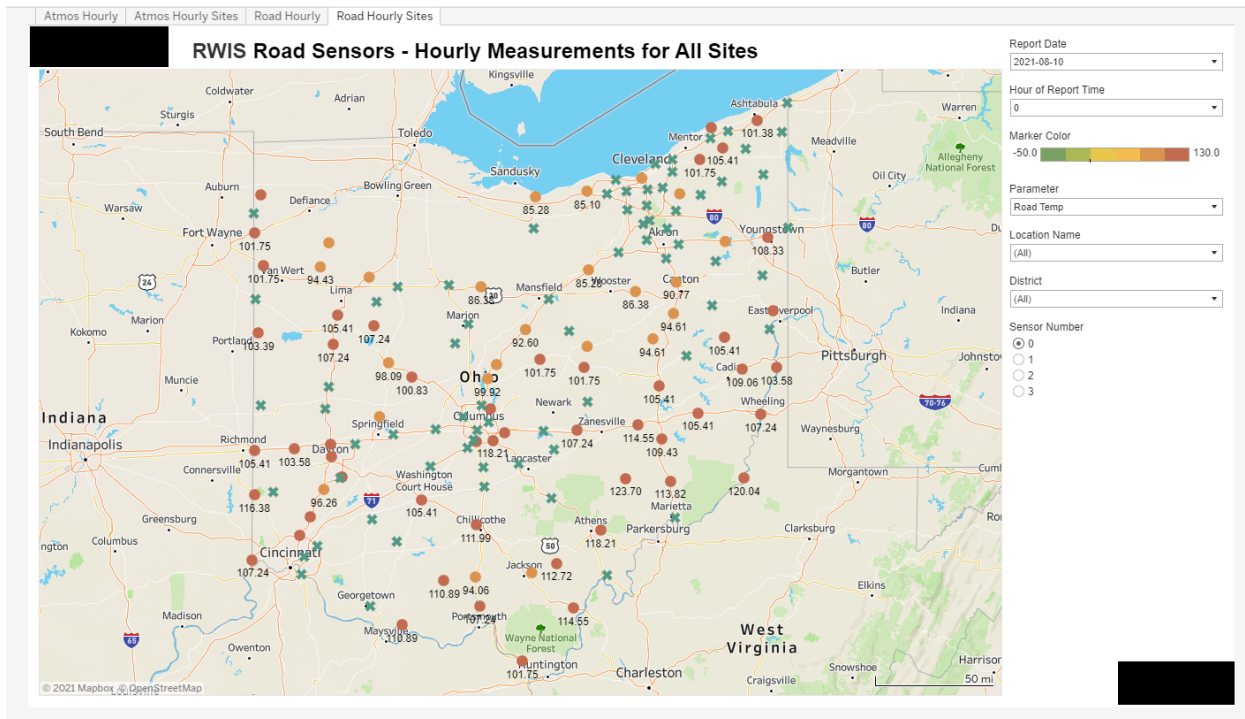
Kyle Vertin
Internship for DTS
May 2021 - August 2021

The main focus of my responsibilities was assisting in the ETL process for daily reports and RWIS API data. Both data sources came from a technology called RWIS (road weather information system) which recorded different values related to road and atmospheric conditions and how those variables were impacting traffic. This data is also useful for the managers and technicians out in the field who are responsible for the sensors when they are experiencing outages. We also used this data for cross referencing purposes with what ODOT was recording to make sure they weren't being overcharged and that DTS was getting paid properly for the contract work they were providing. All of the relevant data was cleaned and processed with specified time intervals and stored into a database. The data was used for Tableau visualizations and hosted on a server for stakeholders of interest to use.

Dashboards:







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