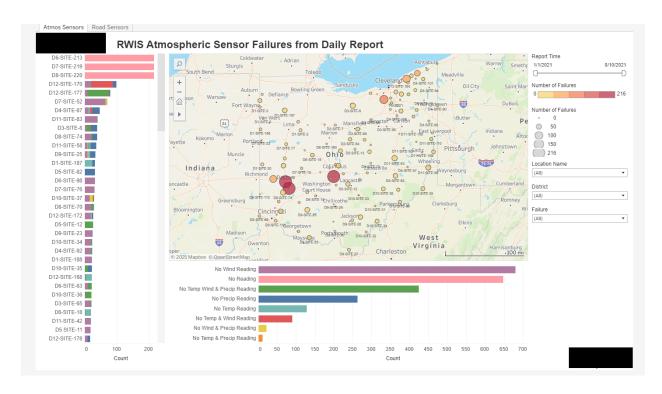
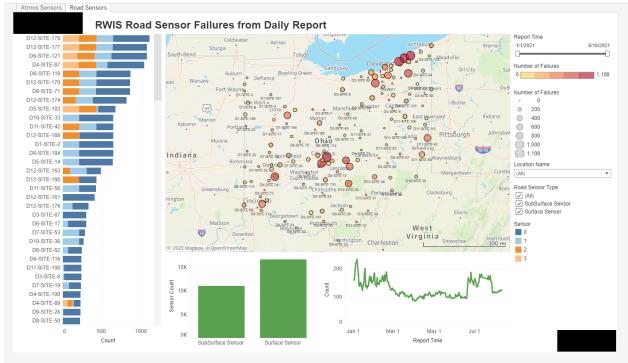
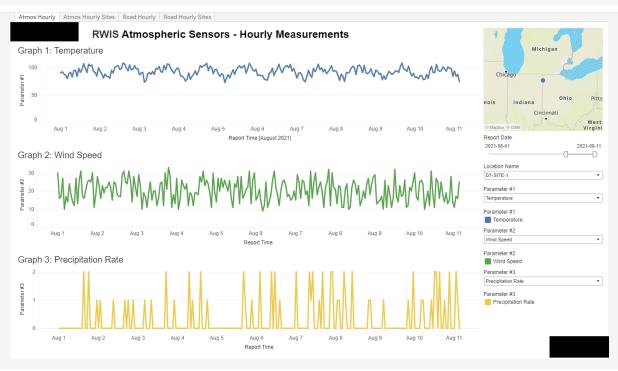
Kyle Vertin Internship for DTS May 2021 - August 2021

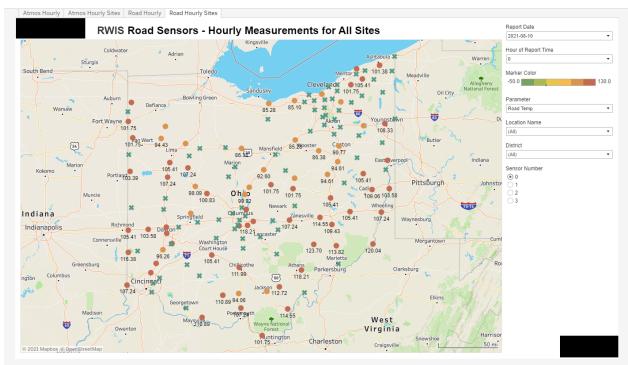
The main focus of my responsibilities were assisting in the ETL process for daily reports and RWIS API data. Both data sources came from a technology called RWIS (road weather information system); which recorded different variables related to road and atmospheric conditions that can be used for assessing their impact on 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 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.

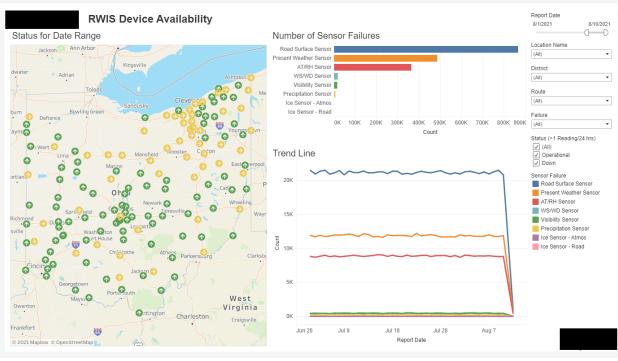
Dashboards:











Sample Code:

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d_end <= c(10,70,255)
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