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Project Name: Curriculum Access Anomaly Detection Project

Project Type: Required solo mini-project

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Project Goals:

Answer analysis questions from email and summarize leader to present to Board of Directors

Deliverables: Single Google summary slide, email response with questions and answers, link to notebook

Stage	Tools	Brief Description of Process	Challenge Resolution
Plan	<ul style="list-style-type: none">Visual Studio	<ul style="list-style-type: none">Obtained requirements from email	<ul style="list-style-type: none">No unusual challenges in this section
Acquire	<ul style="list-style-type: none">Visual Studio.py script	<ul style="list-style-type: none">Acquired data from .txt file and also from clipboardMerged these 2 sources into one dataset	<ul style="list-style-type: none">No unusual challenges in this section
Prepare	<ul style="list-style-type: none">Visual Studio.py scriptJupyter Notebook	<ul style="list-style-type: none">Handled null values, cleaned data, created additional columns and features for analysisReturned 2 dataframes for explore, one with time series index and one without	<ul style="list-style-type: none">No unusual challenges in this section
Explore	<ul style="list-style-type: none">Jupyter NotebookTableau	<ul style="list-style-type: none">Used pandas to assess, re-organize, summarize, and investigate datasetUsed Tableau to create visualizations to help in presentation of analysis	<ul style="list-style-type: none">Was not able to make code as programmatically as I would have liked, used a more manual process
Model	<ul style="list-style-type: none">	<ul style="list-style-type: none">Not applicable for this project	<ul style="list-style-type: none">
Evaluate	<ul style="list-style-type: none">	<ul style="list-style-type: none">Not applicable for this project	<ul style="list-style-type: none">
Model Explanation	How does your algorithm work?	<ul style="list-style-type: none">Not applicable for this project	<ul style="list-style-type: none">
Delivery	<ul style="list-style-type: none">Jupyter Notebook	<ul style="list-style-type: none">Used Tableau to create visualizations for slide	<ul style="list-style-type: none">No unusual challenges in this section

