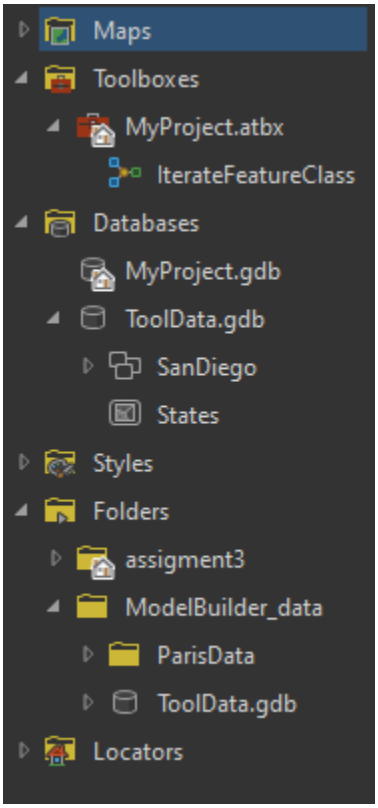
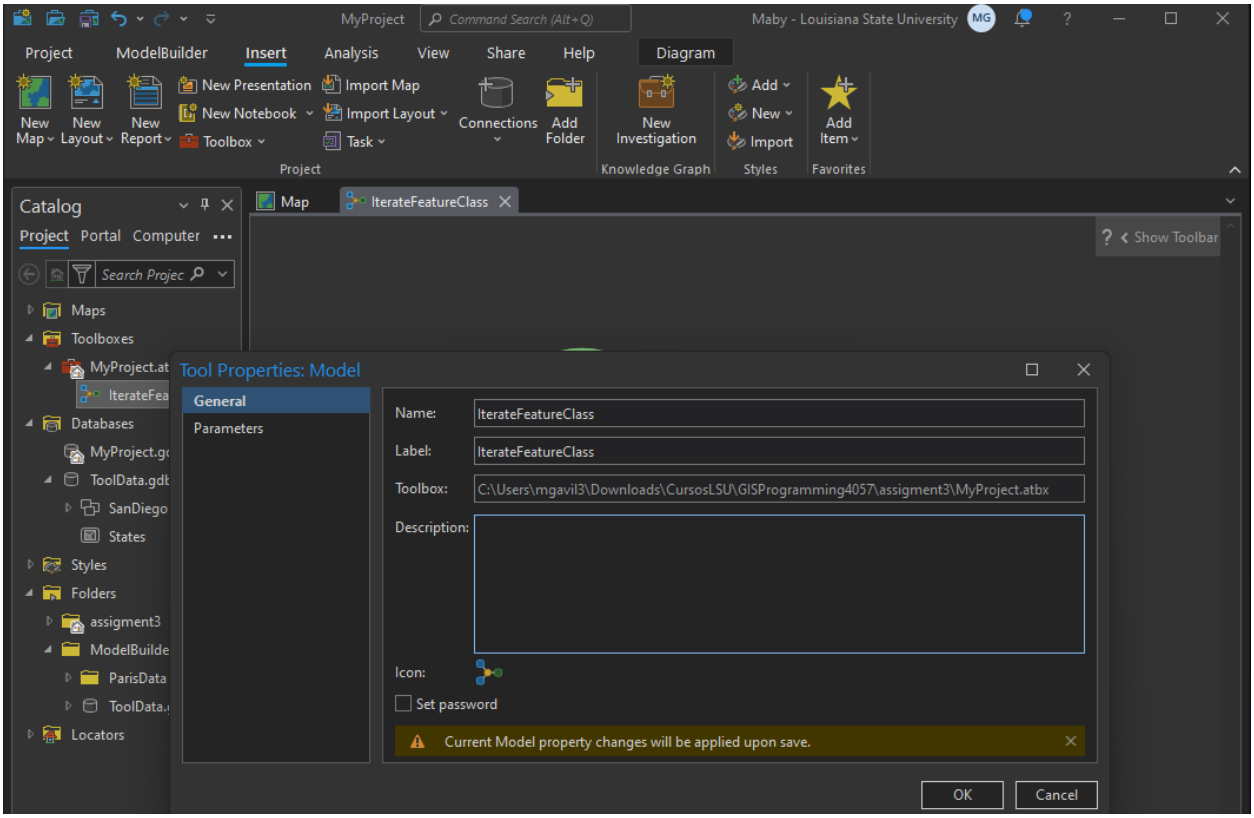
TASK 1:

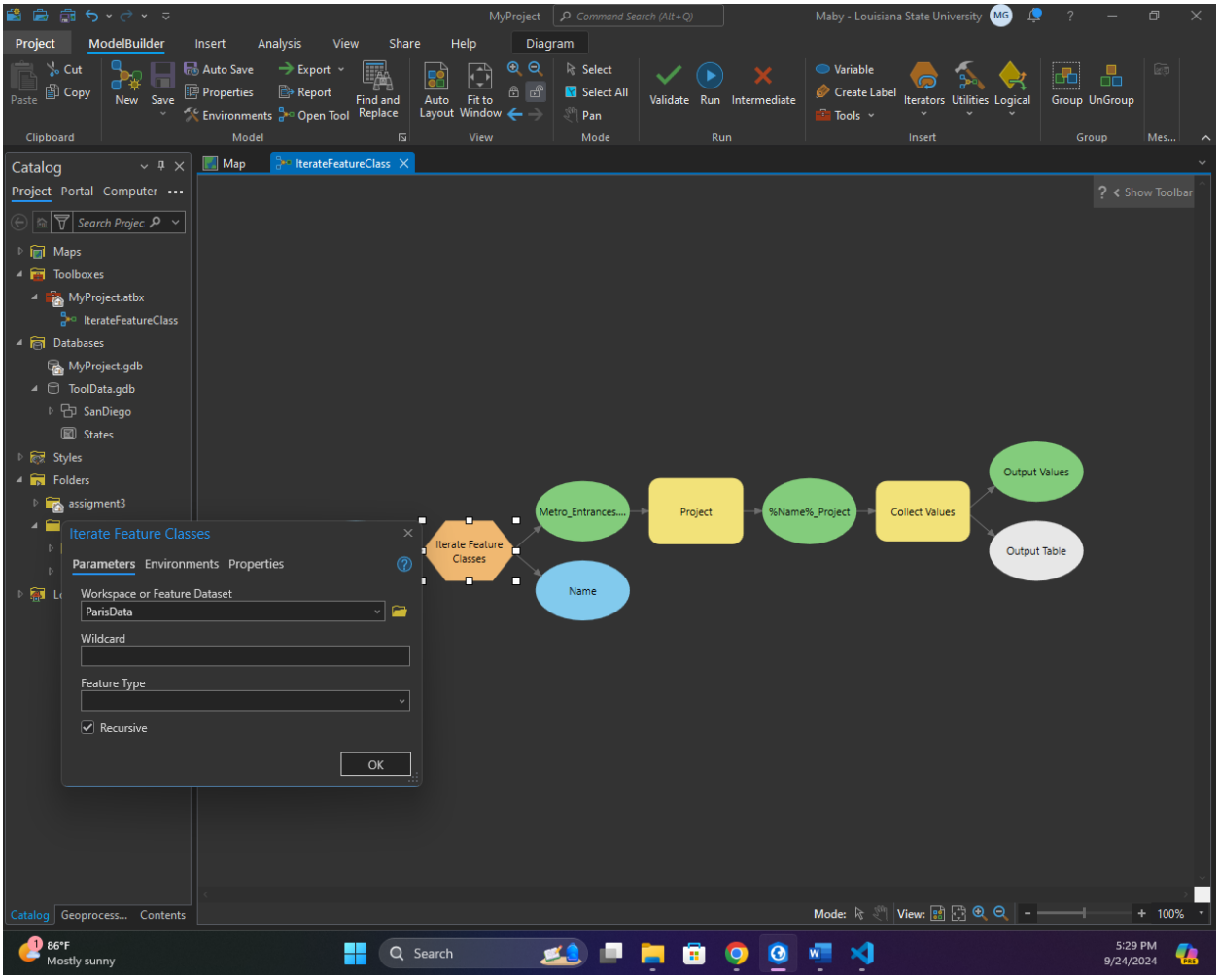
Toolbox and ParisData connections:



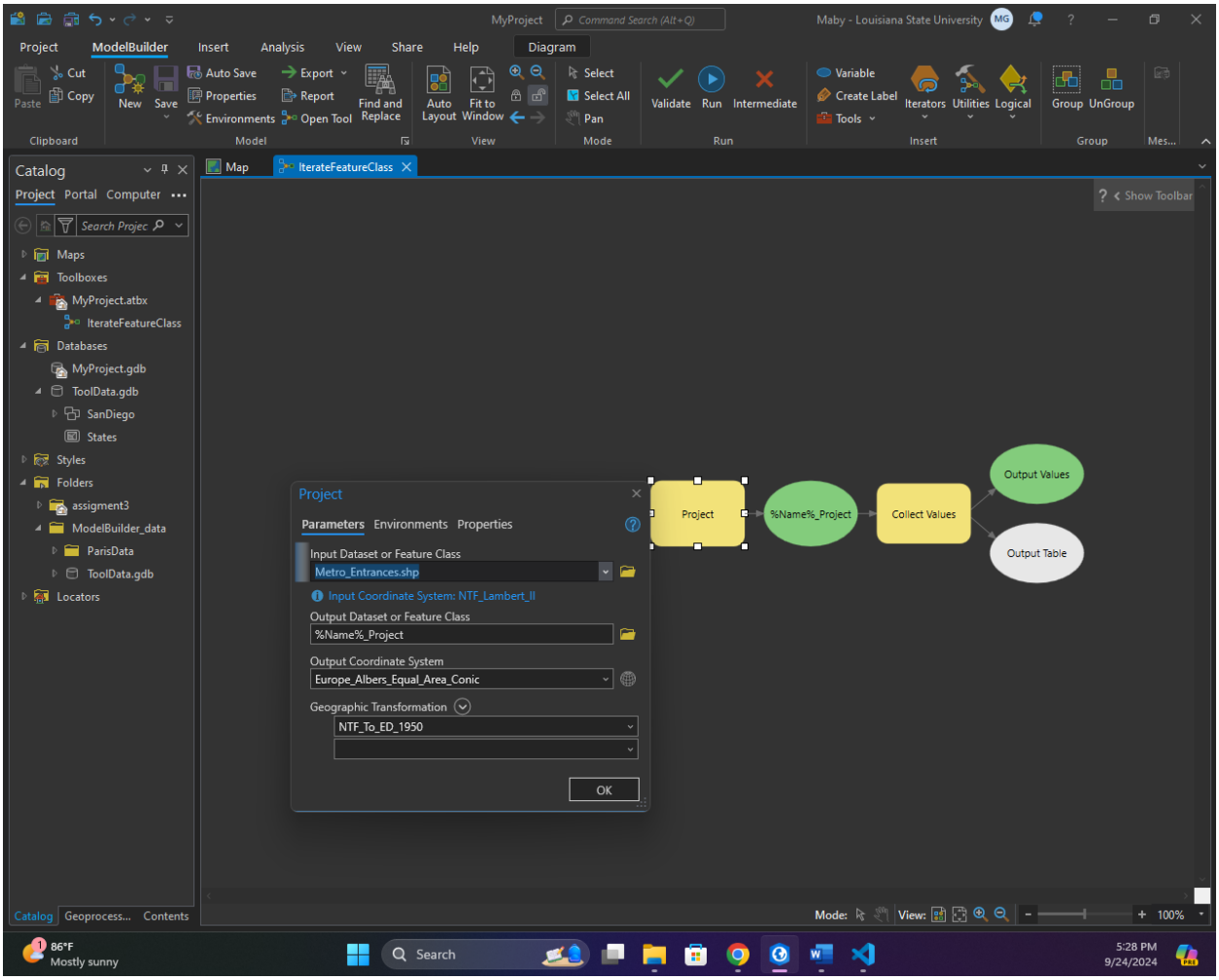
Defining the model builder



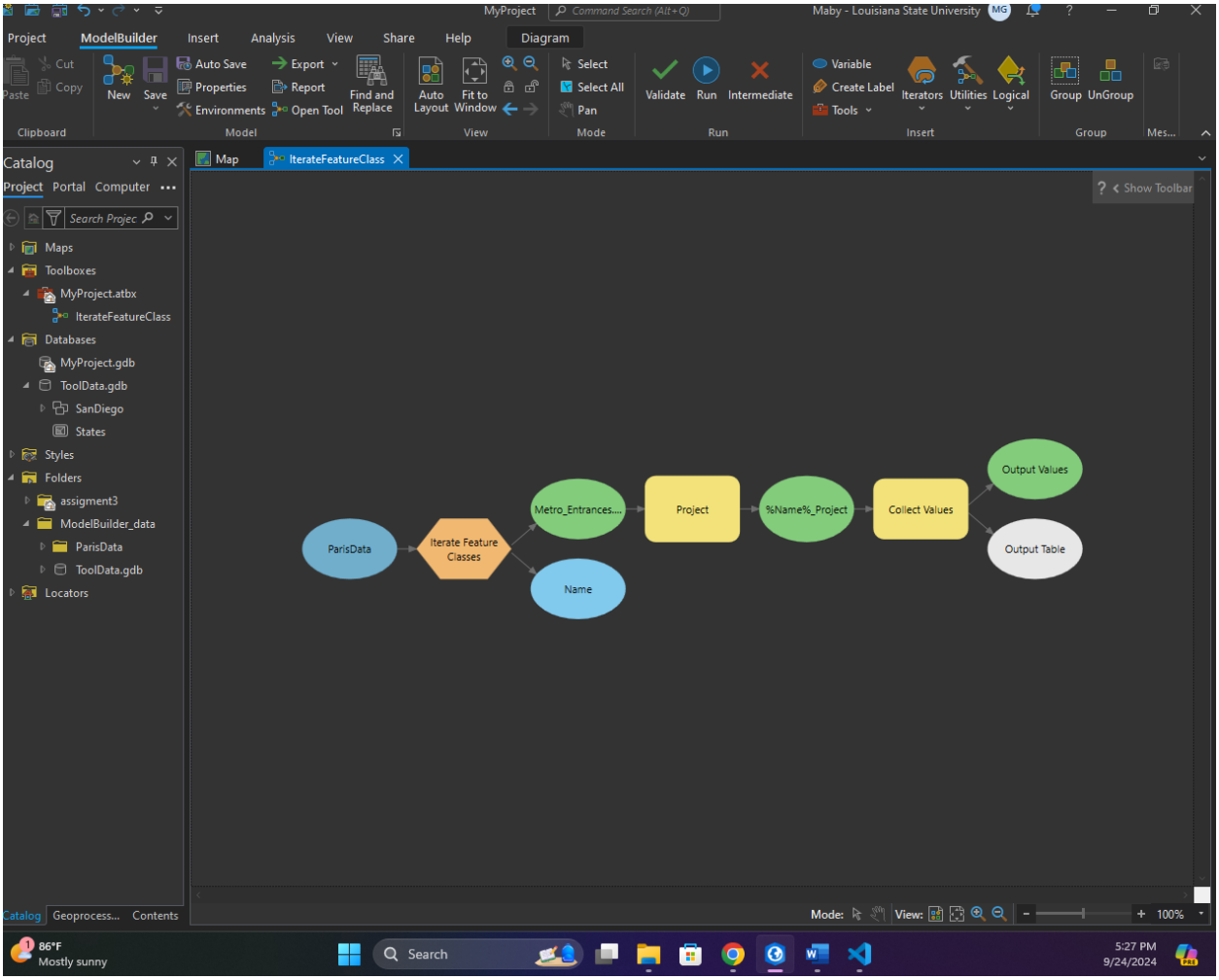
Specifying parameters for the Iterate Feature Class:



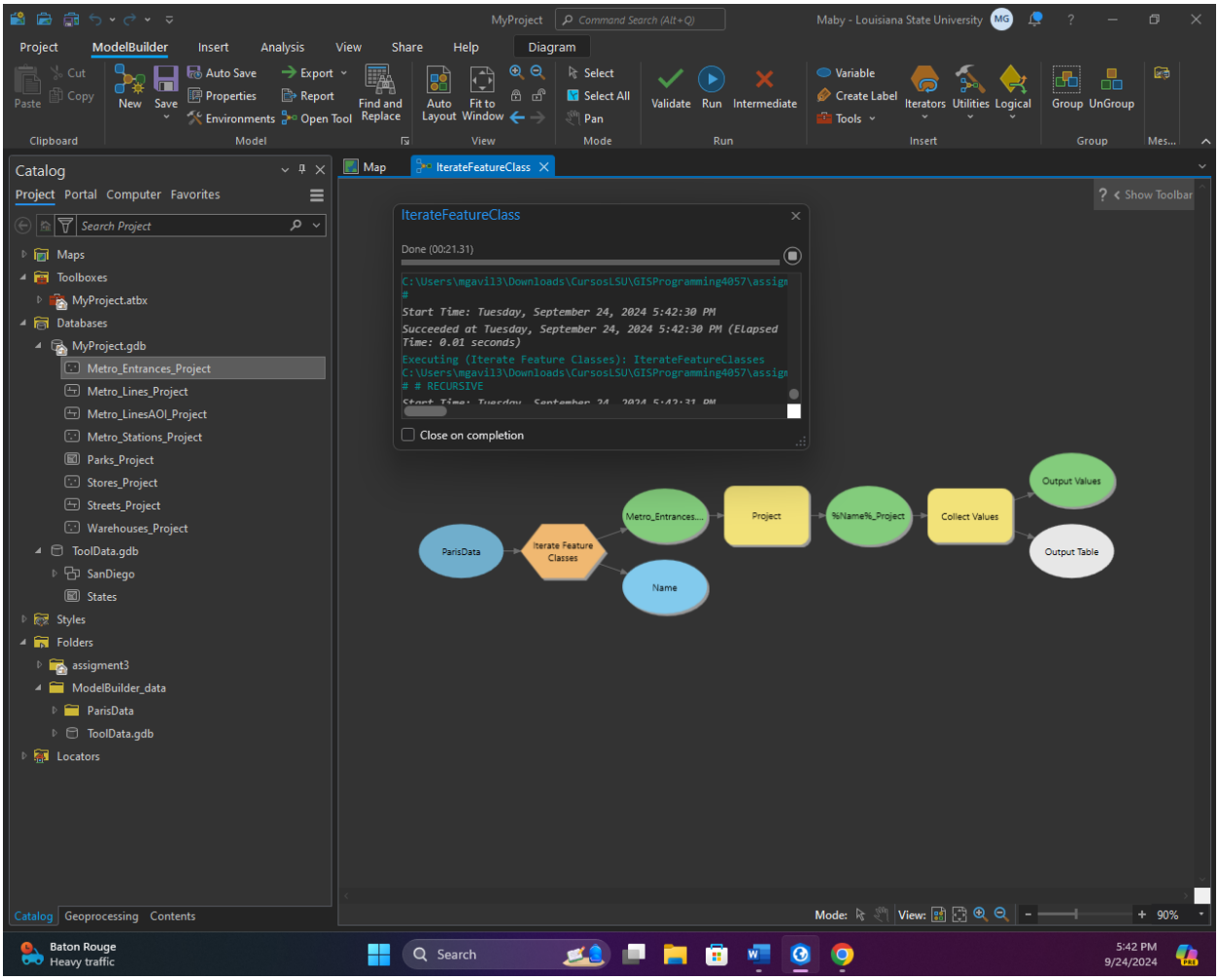
Parameters changed for Project tool:



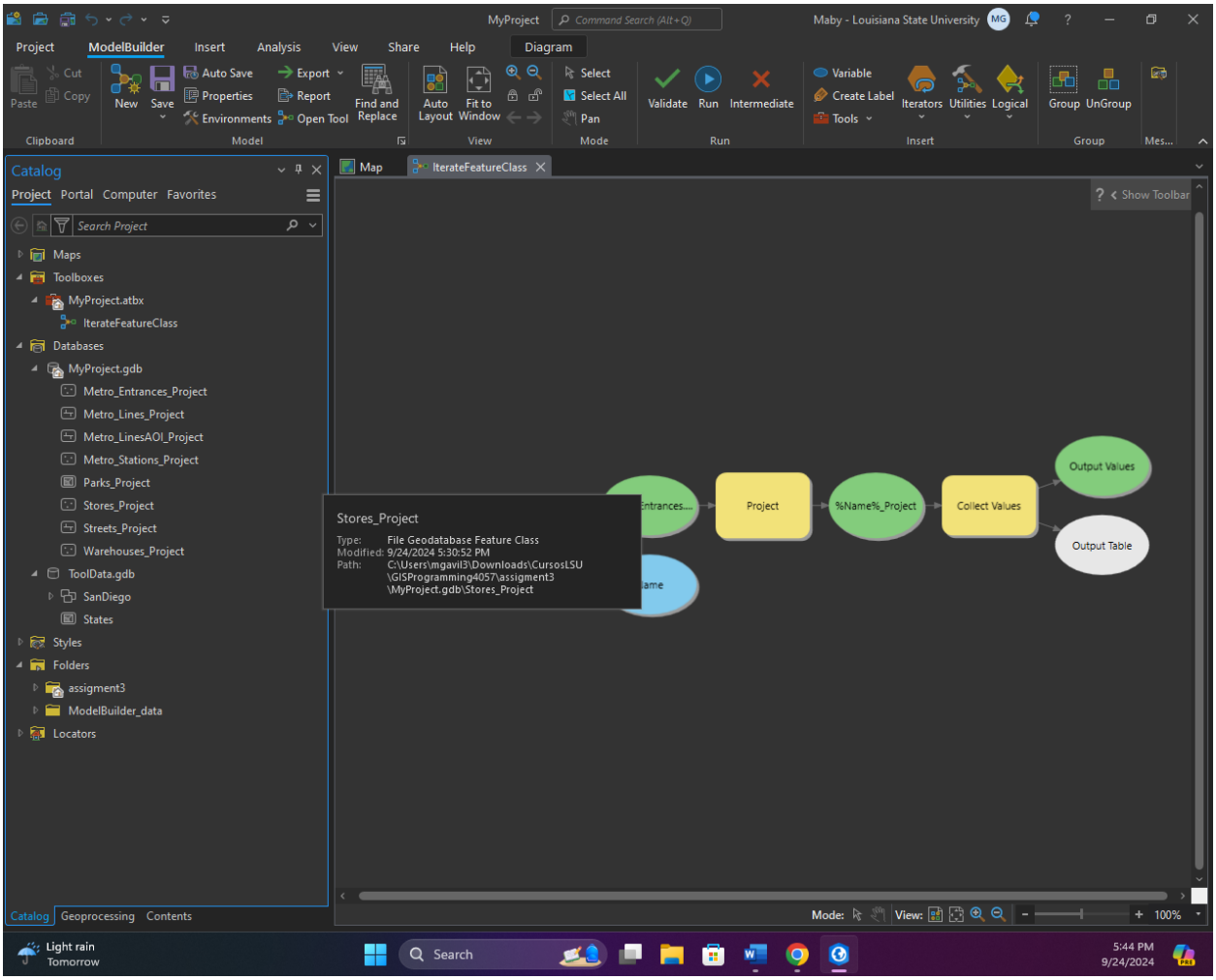
Project and Collect Values inserted and connected.



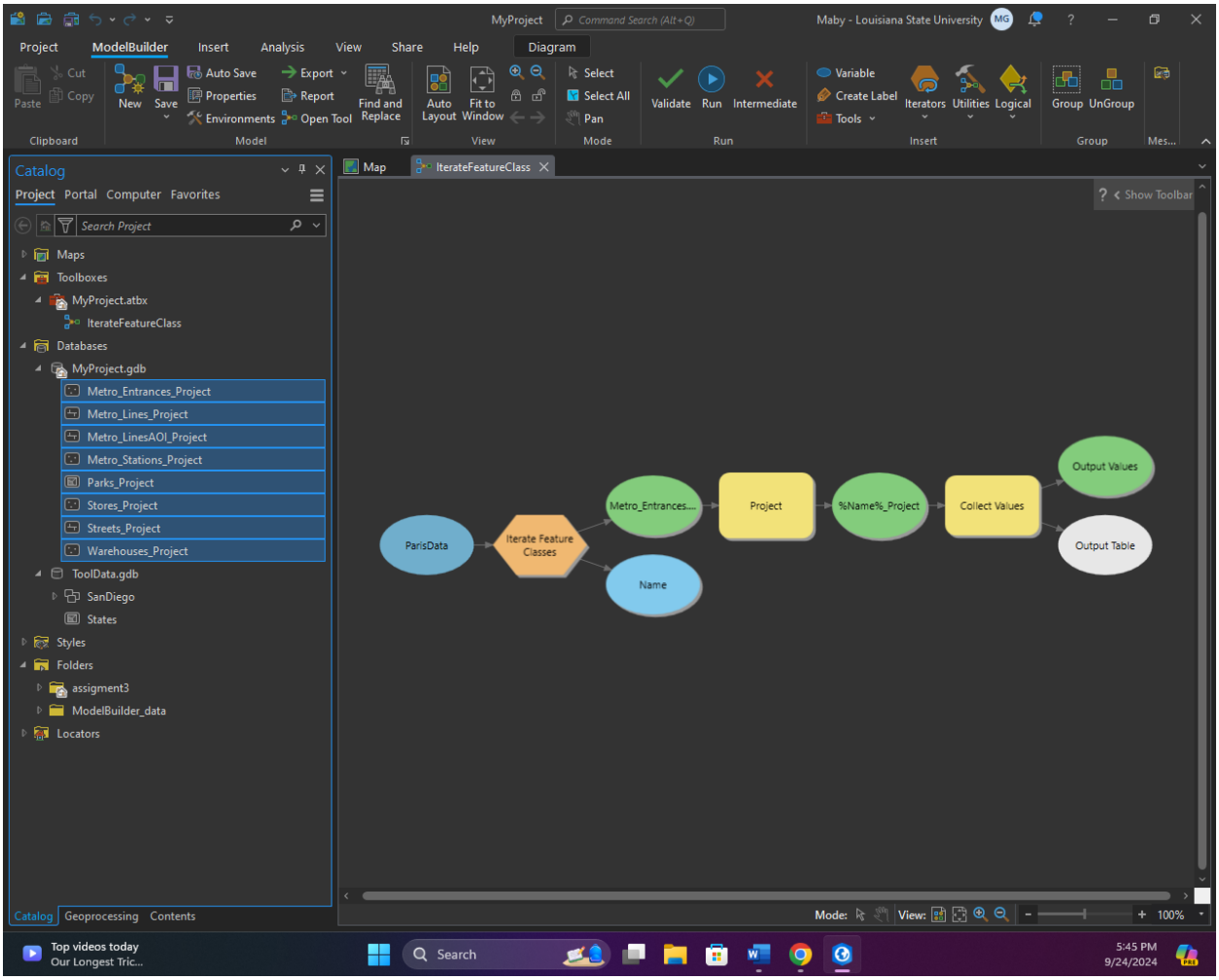
Runnning the model:



New data layers in geodatabase:

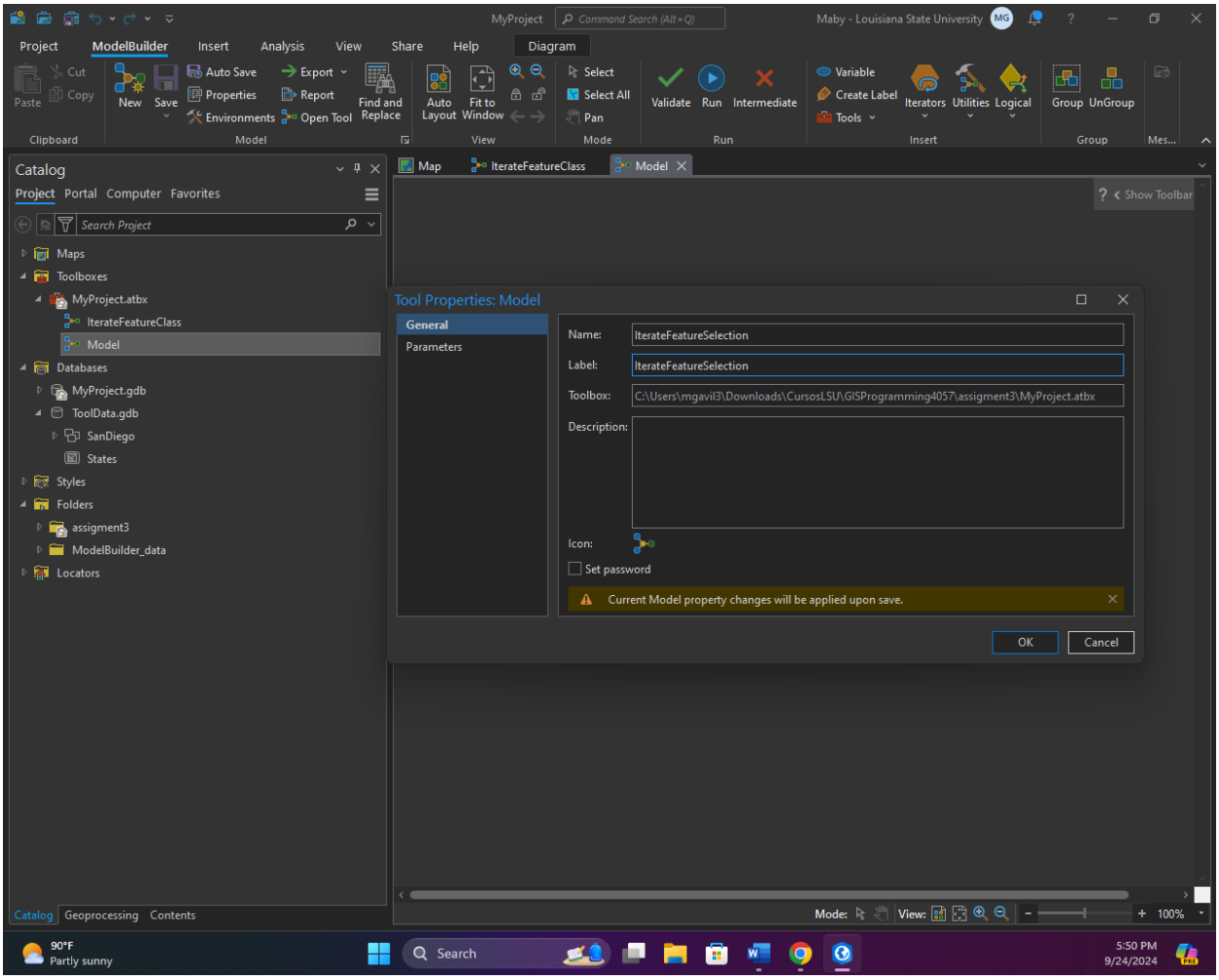


Final model graph and database updated with feature classes:

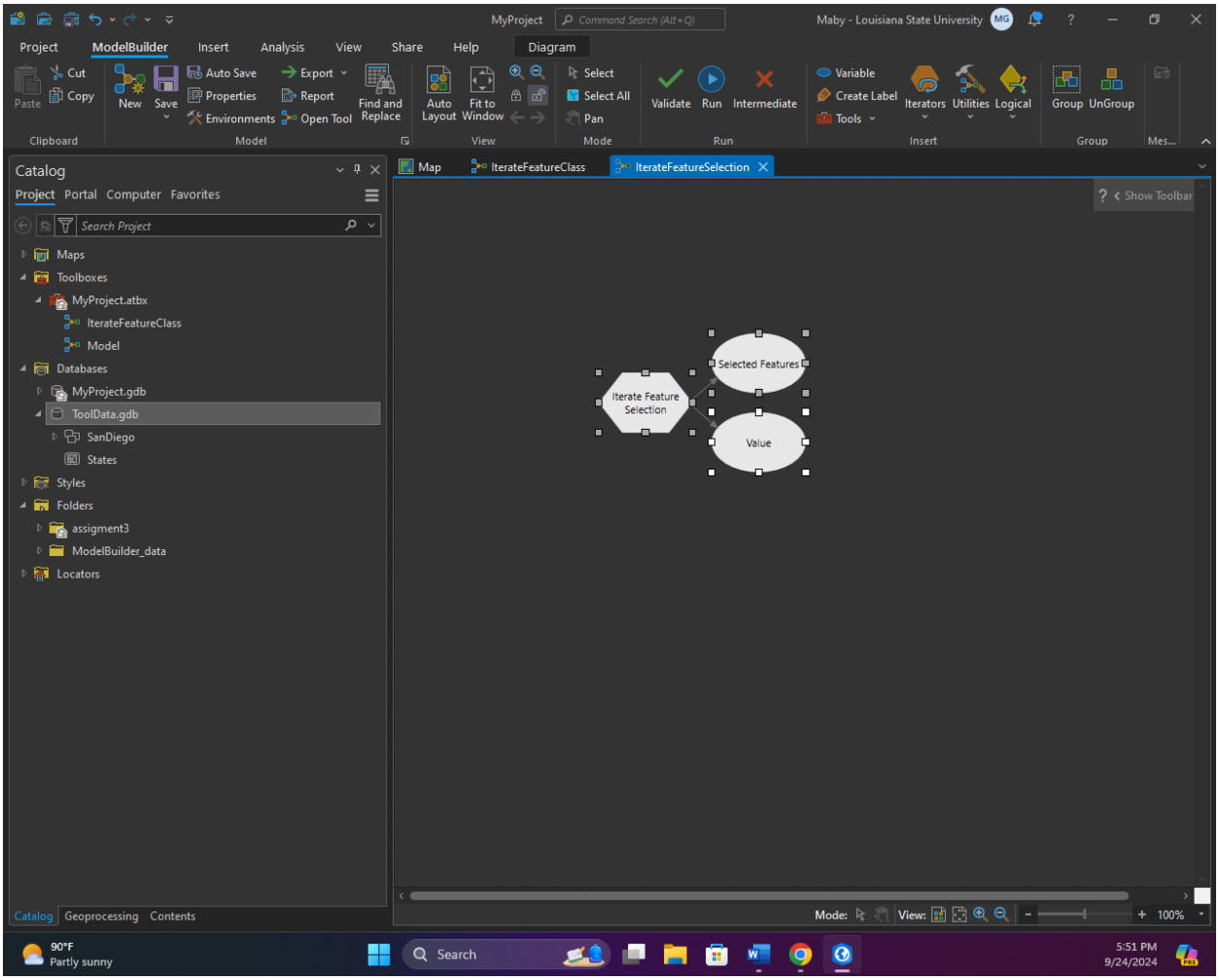


TASK 2:

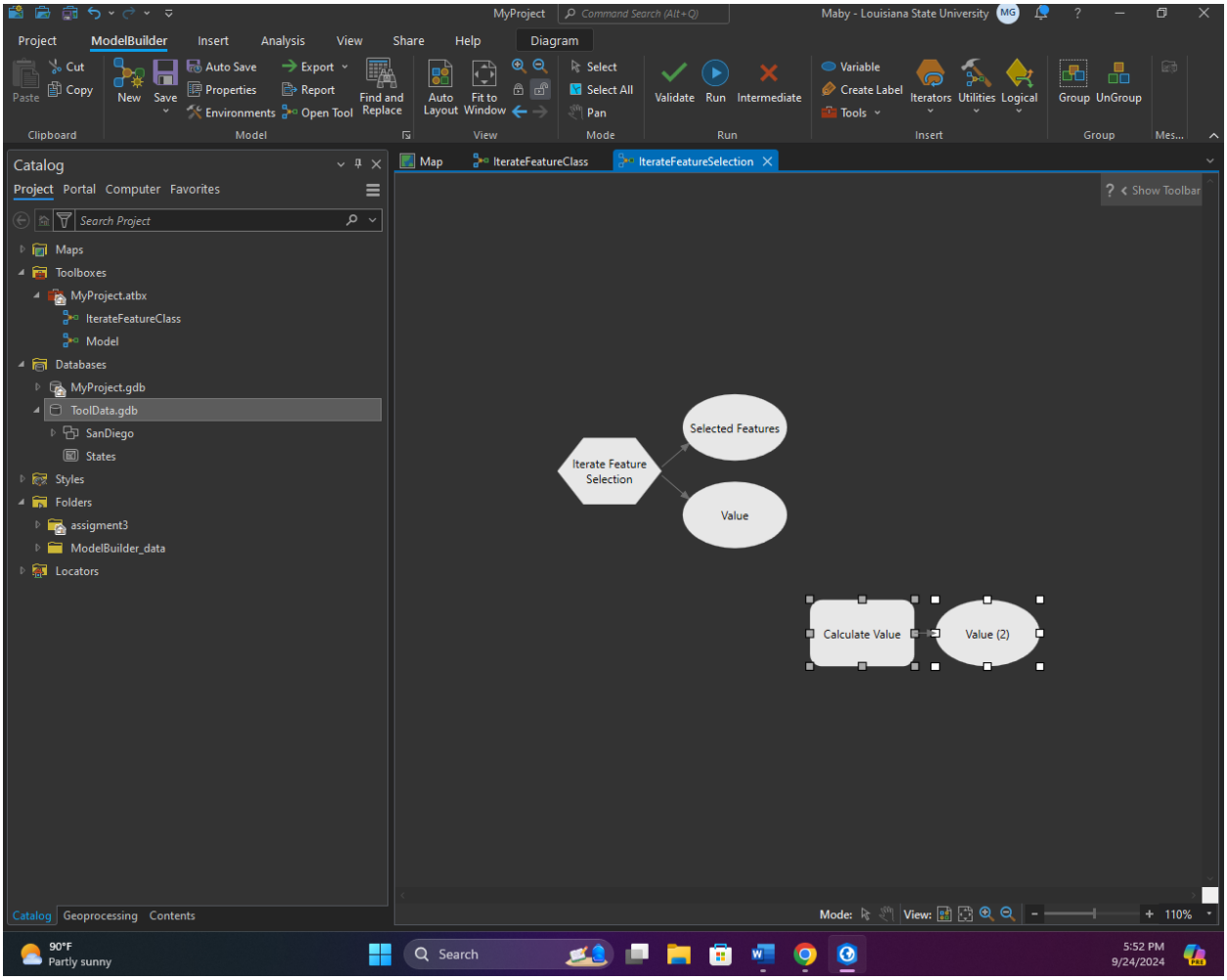
Creating IterateFeatureSelection



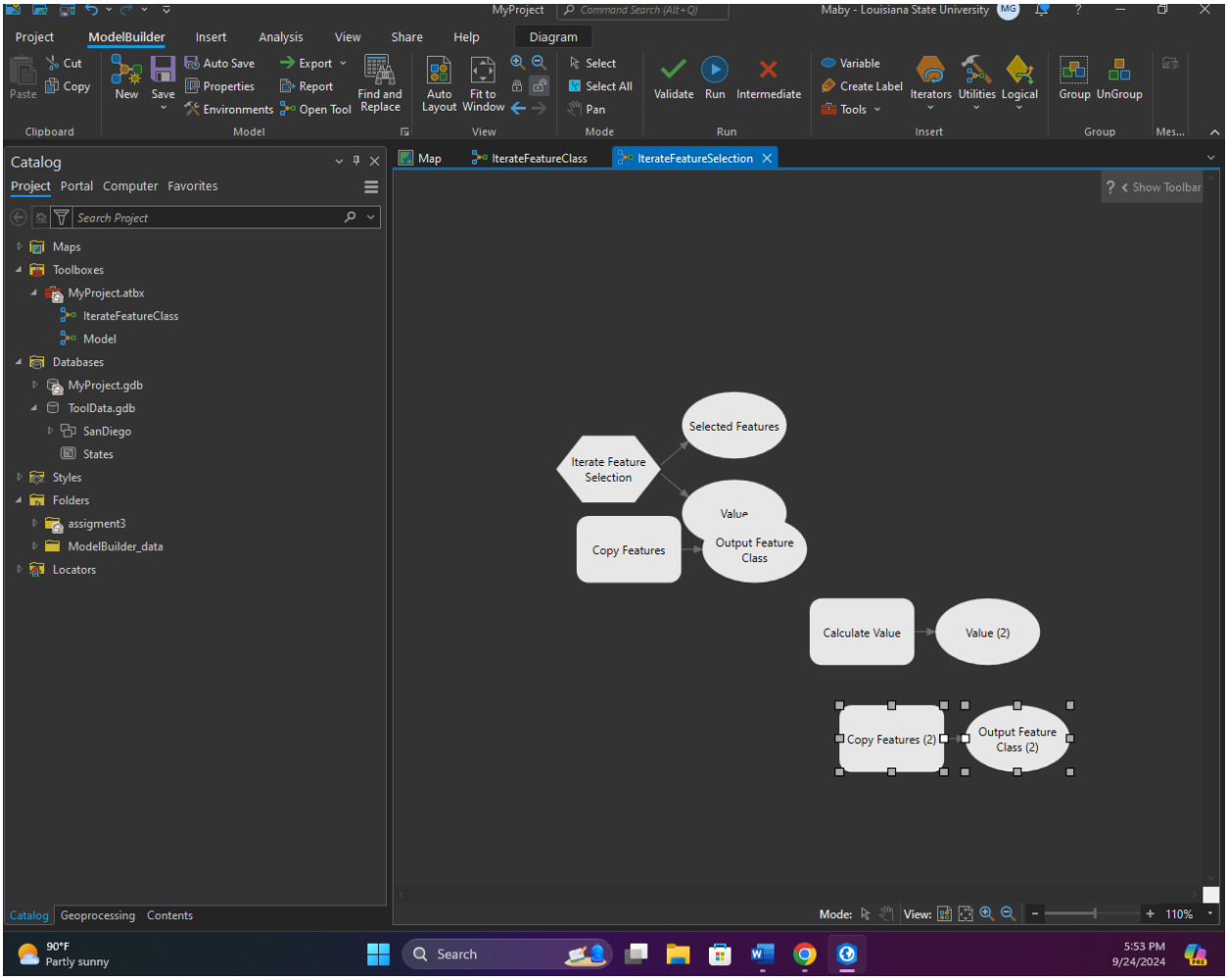
Iterate feature selector:



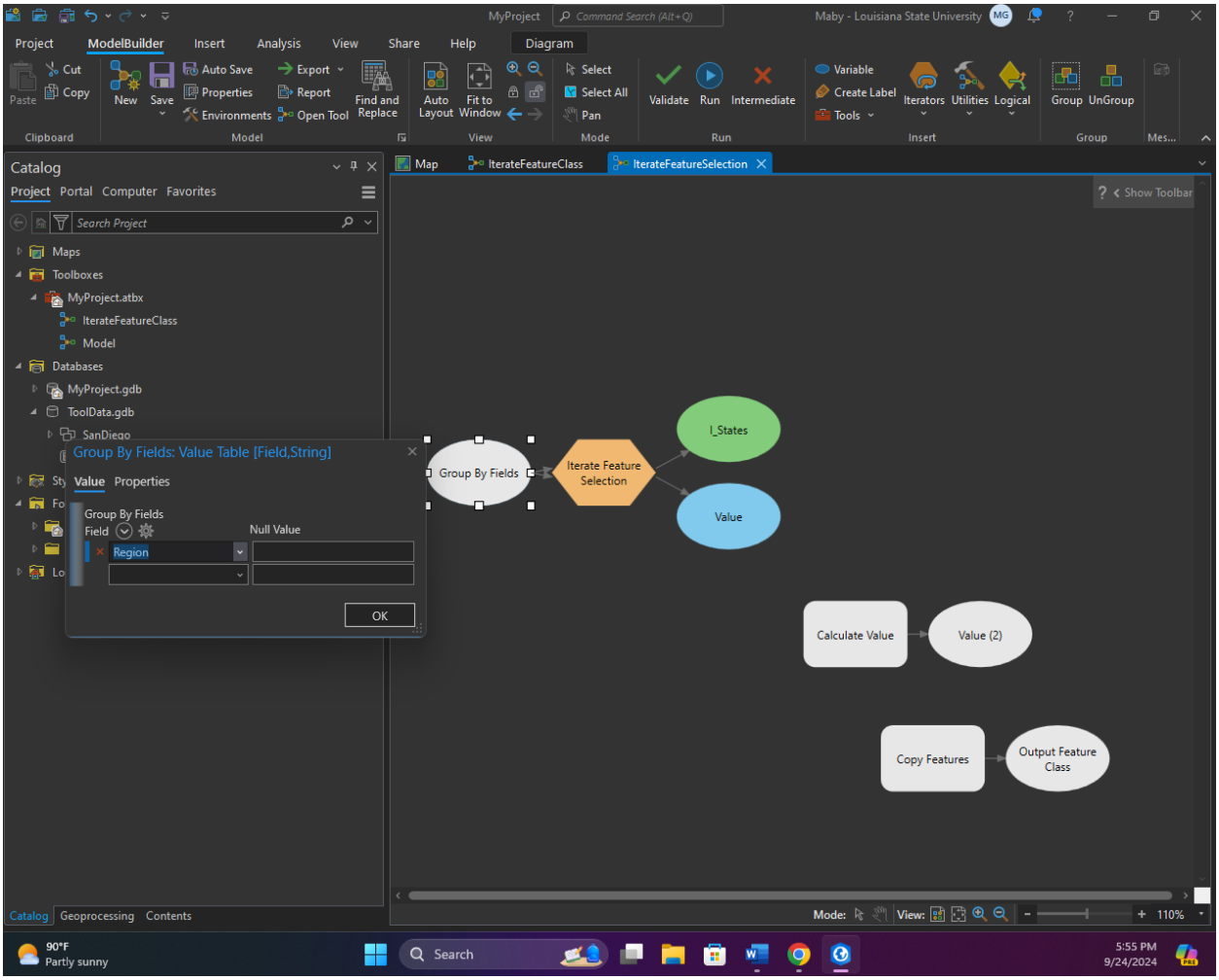
Calculate value:



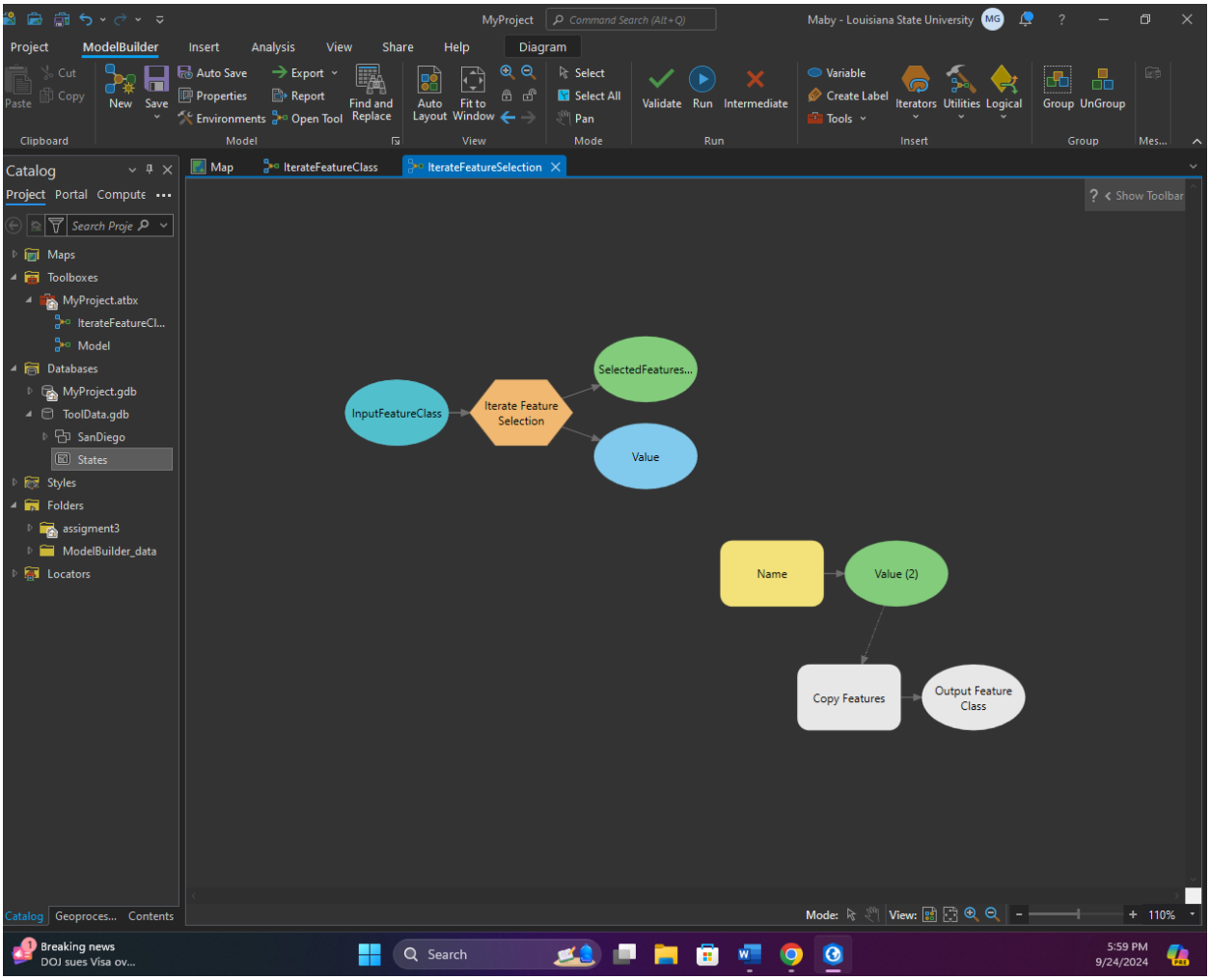
Copy features:



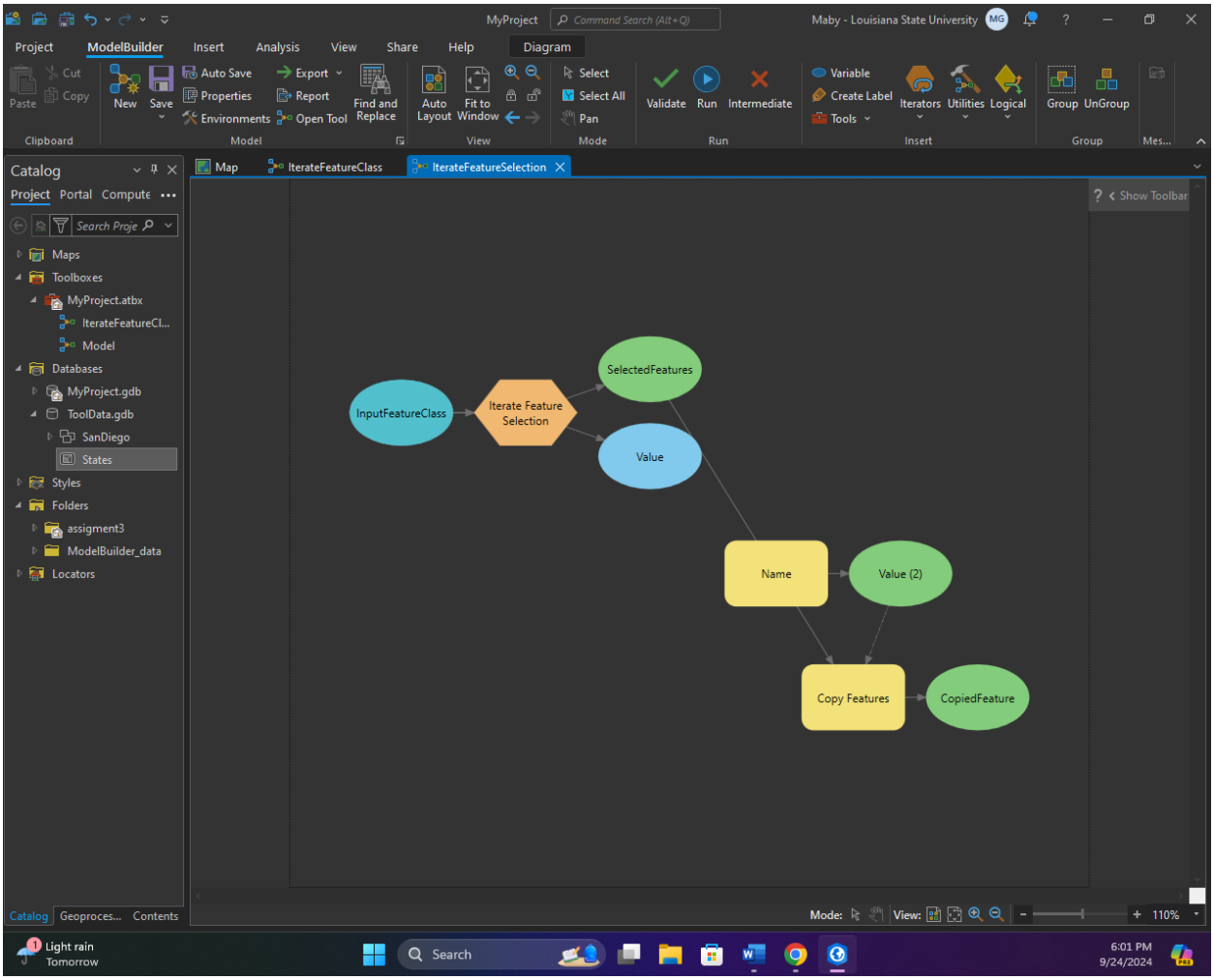
Specifying tool parameters



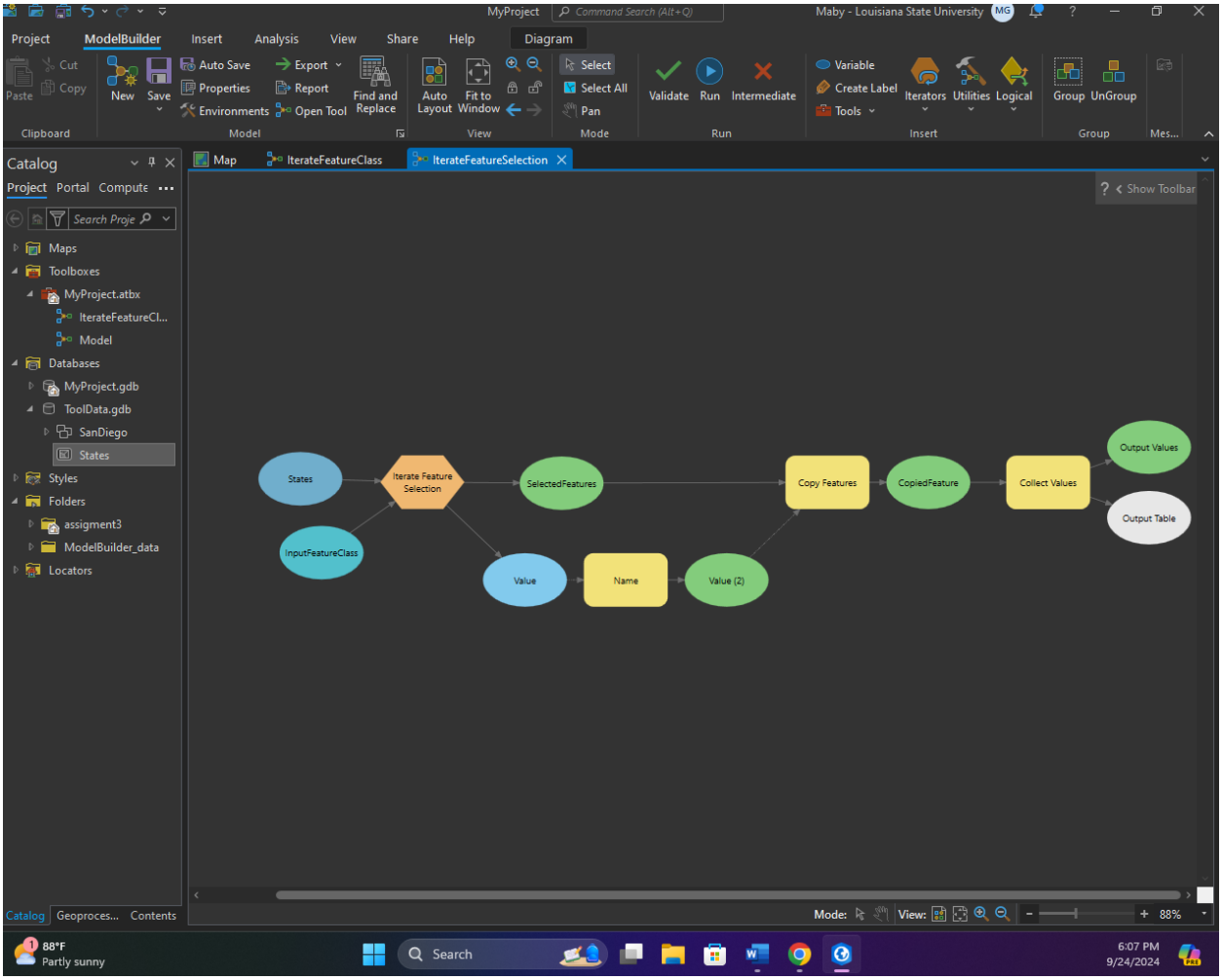
Calculate Value tool modifications and connection as precondition:



%name% as the output name of Selected Features and Renaming to CopiedFeature:



Final model:


MyProject
Command Search (Alt+Q)
Maby - Louisiana State University
Project
ModelBuilder
Insert
Analysis
View
Share
Help
Diagram
Cut
Copy
Paste
New
Save
Auto Save
Properties
Environments
Export
Report
Open Tool
Find and Replace
Auto Layout
Fit to Window
Select
Select All
Pan
Validate
Run
Intermediate
Variable
Create Label
Tools
Iterators
Utilities
Logical
Group
UnGroup
Clipboard
Model
View
Mode
Run
Insert
Group
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Project
Portal
Compute
Search Proje
Maps
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Model
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MyProject.gdb
ToolData.gdb
SanDiego
States
Styles
Folders
assigment3
ModelBuilder_data
Locators
Map
IterateFeatureClass
IterateFeatureSelection
Show Toolbar
States
Iterate Feature Selection
SelectedFeatures
Copy Features
CopiedFeature
Collect Values
Output Values
Output Table
InputFeatureClass
Value
Name
Value (2)
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Contents
Mode:
View:
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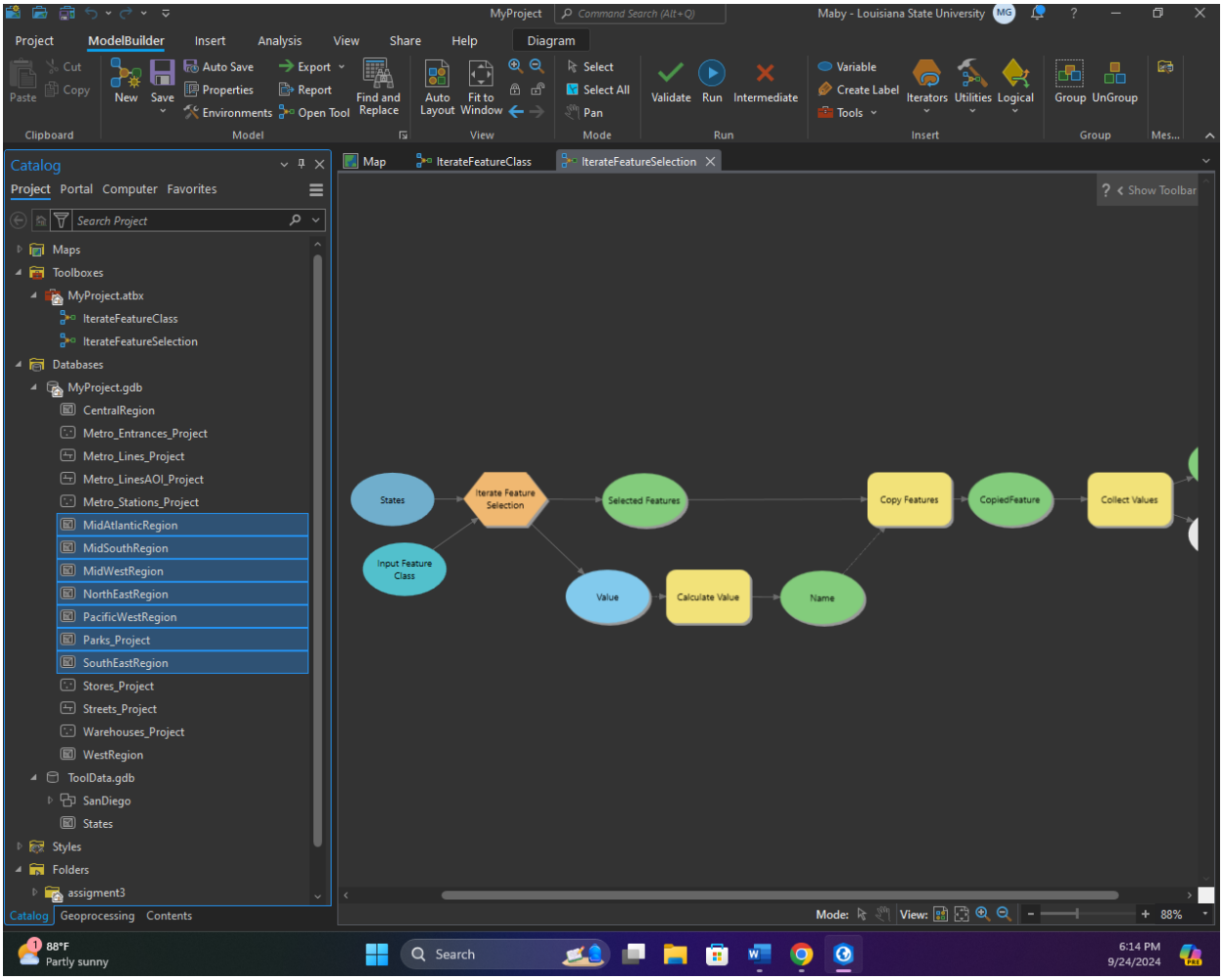
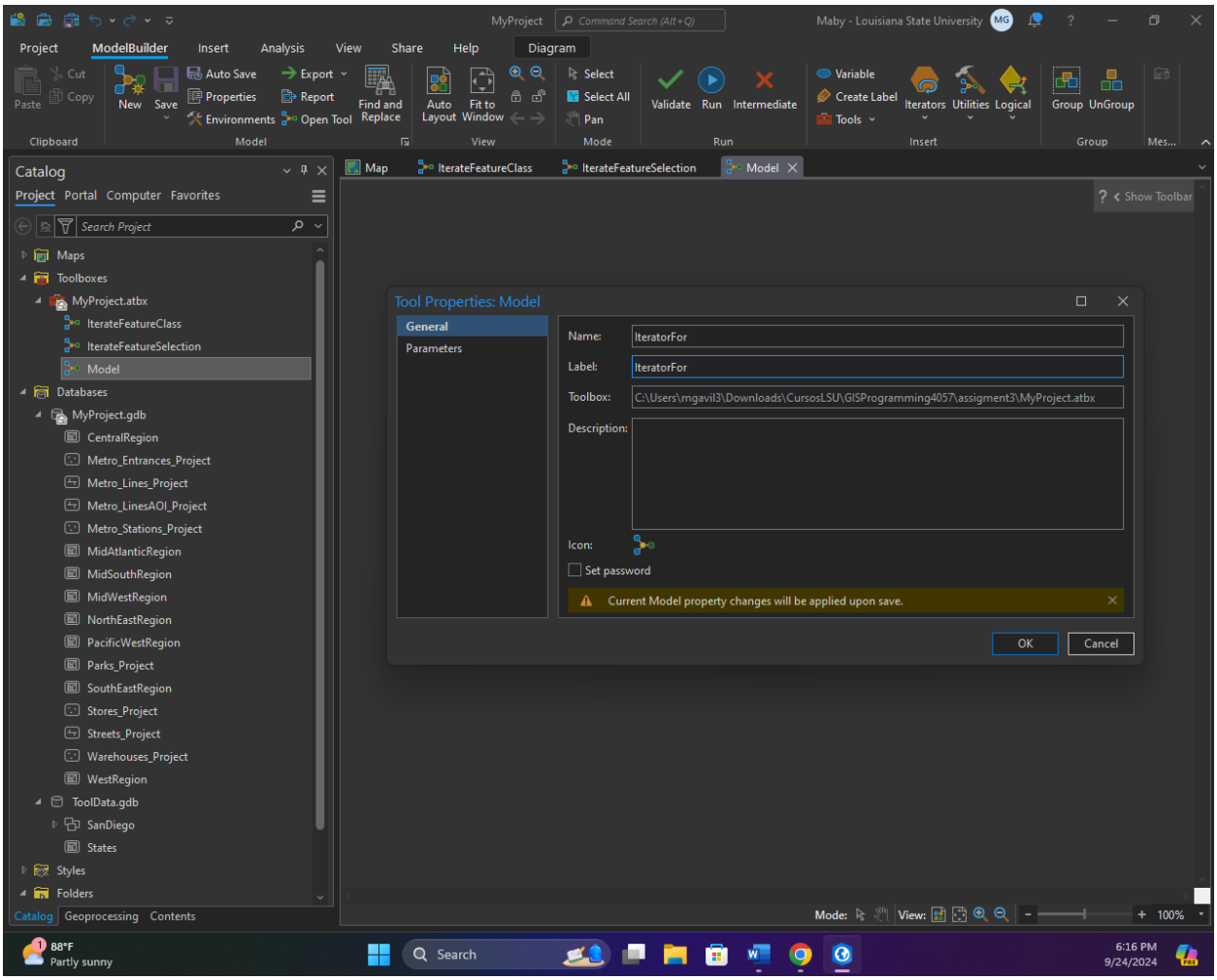
88°F
Partly sunny
Search
6:07 PM
9/24/2024

Final Results:

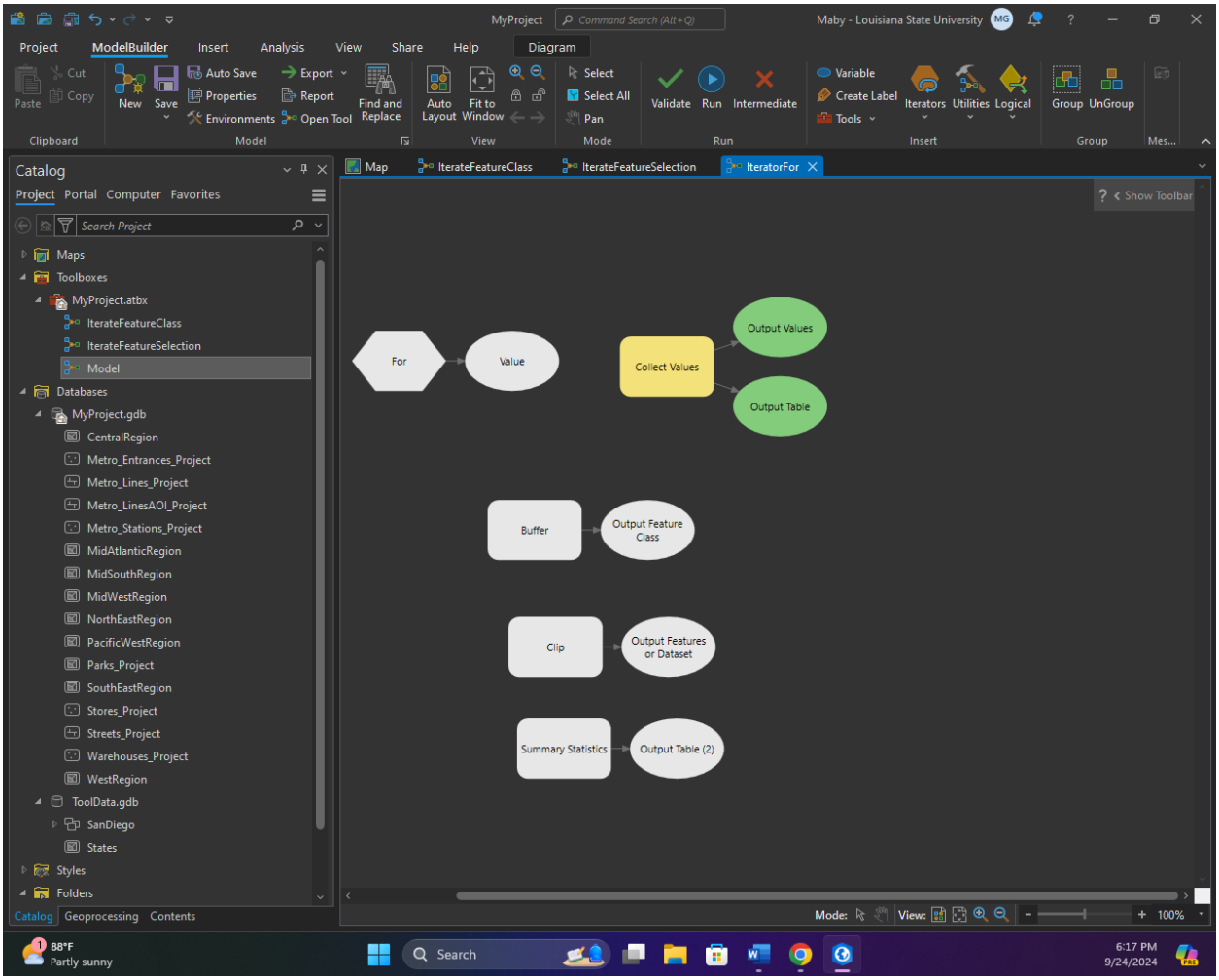


TASK 3:

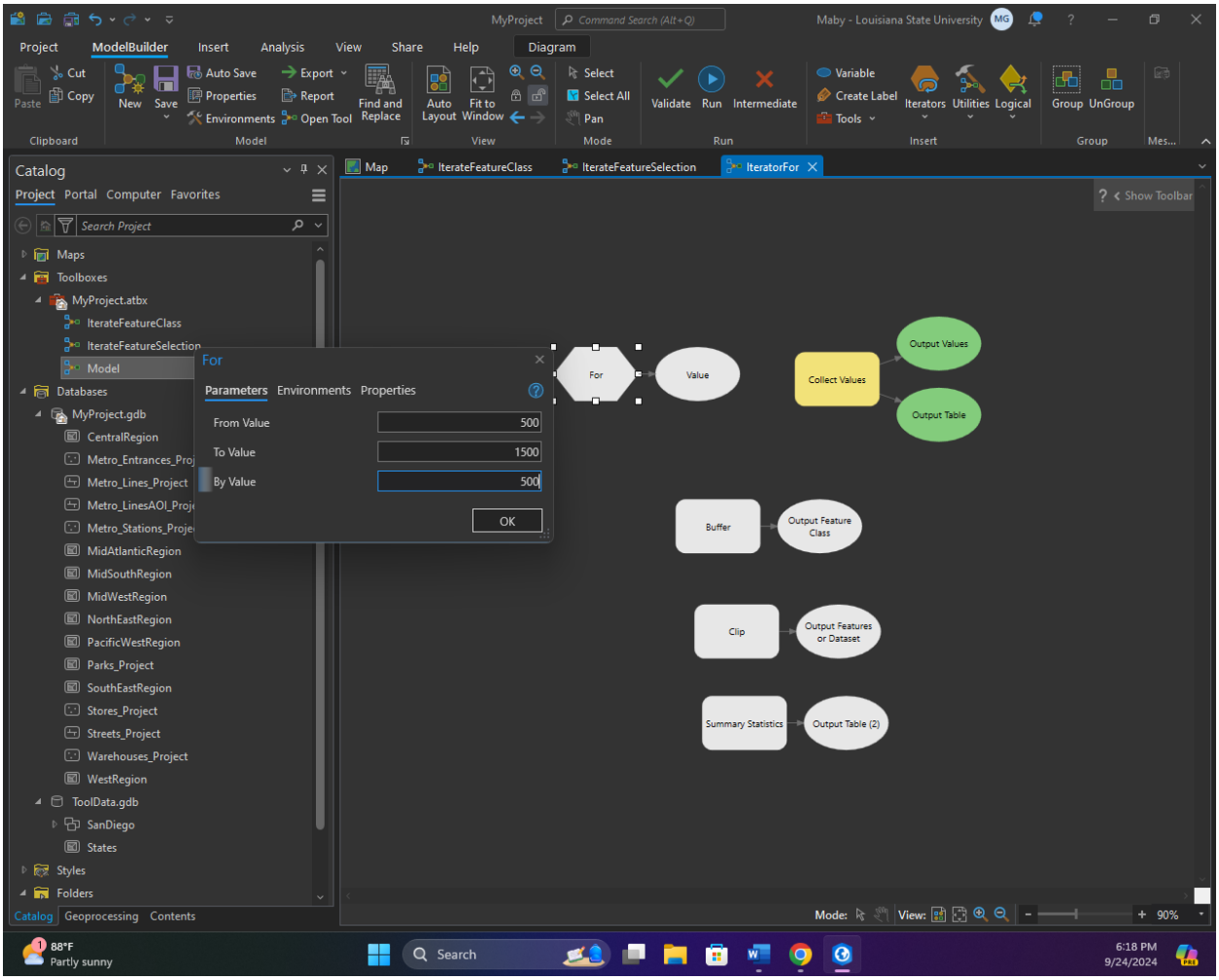
Creation of Iterator For



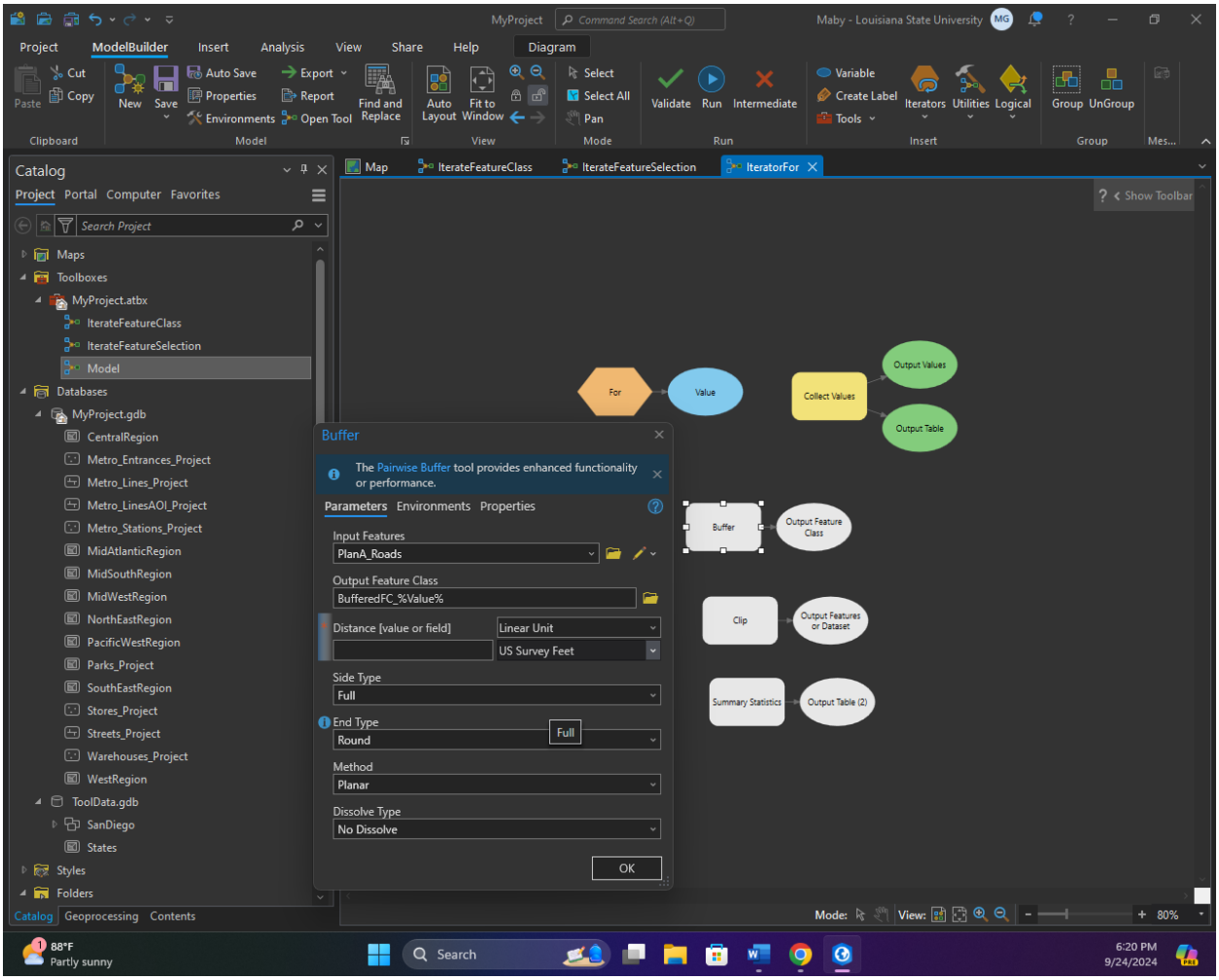
Adding tools:



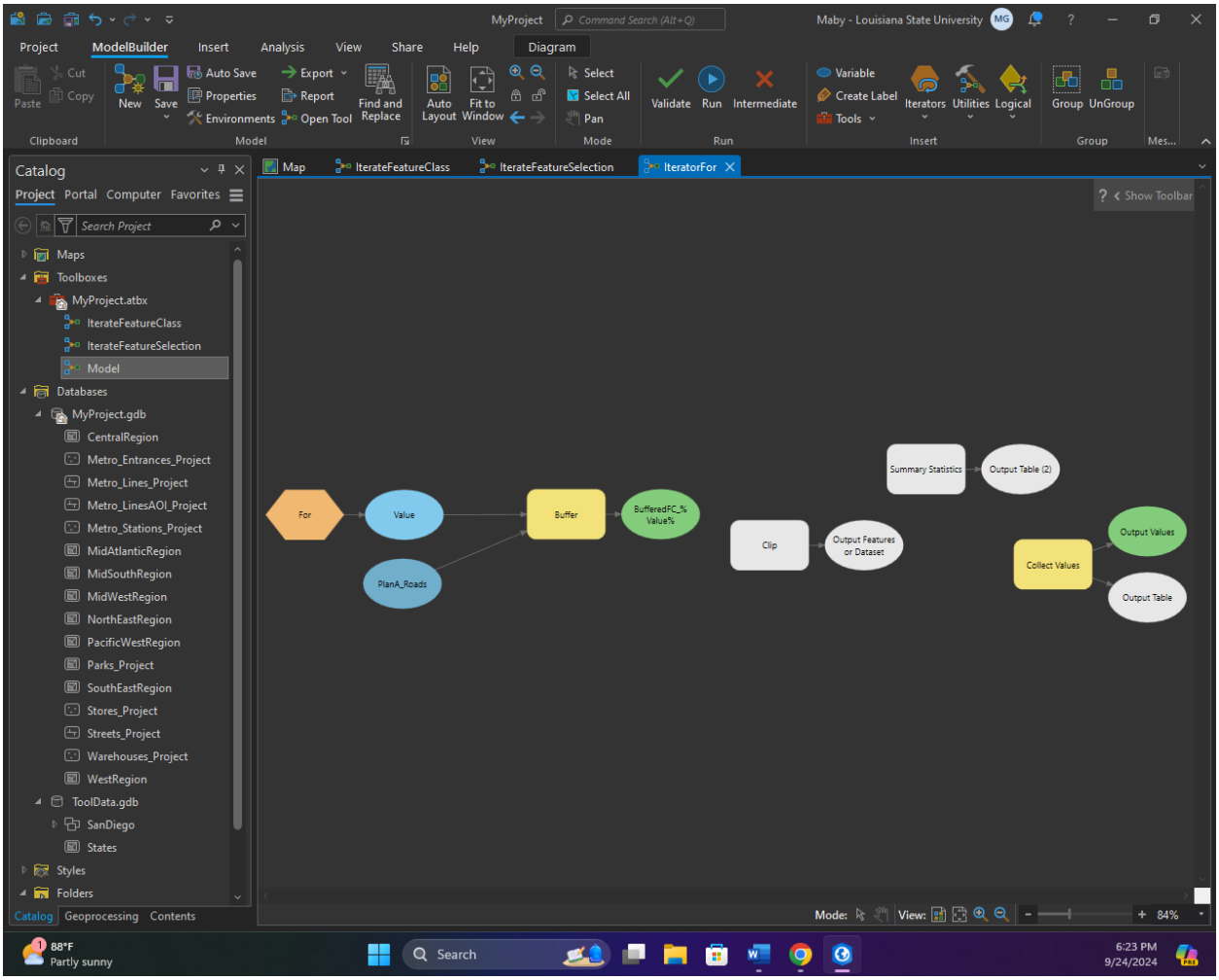
Parameters For iterator:



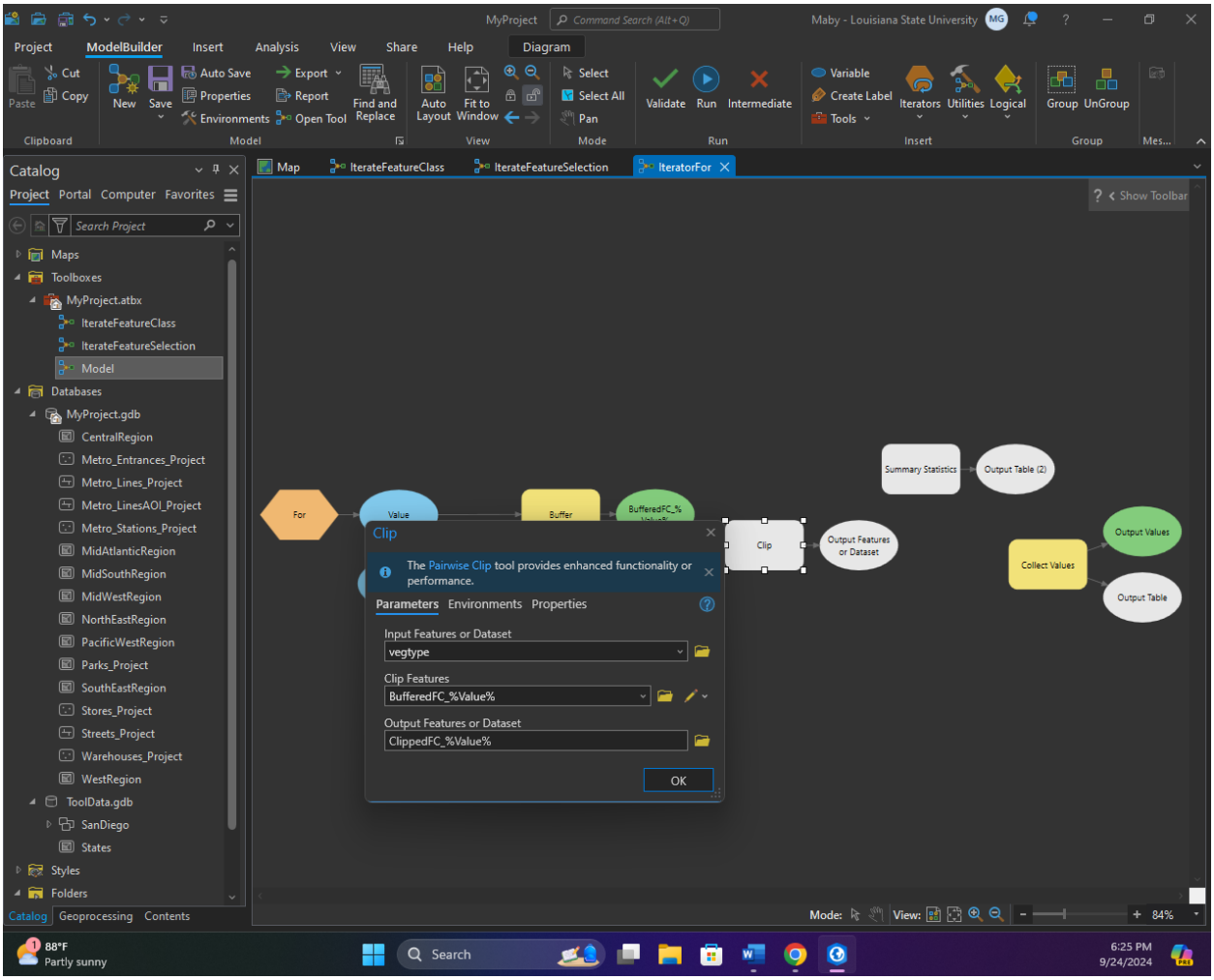
Buffer parameters:



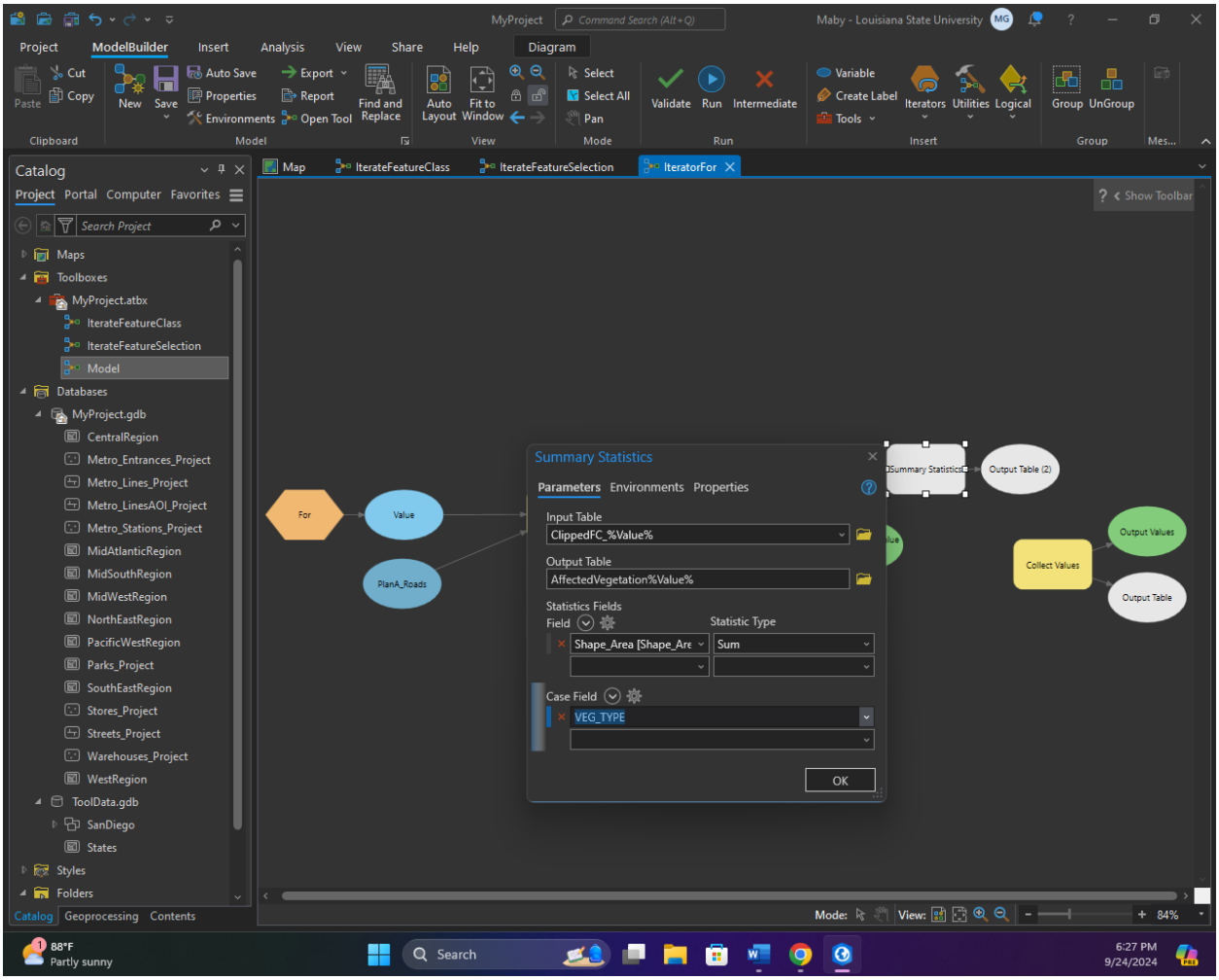
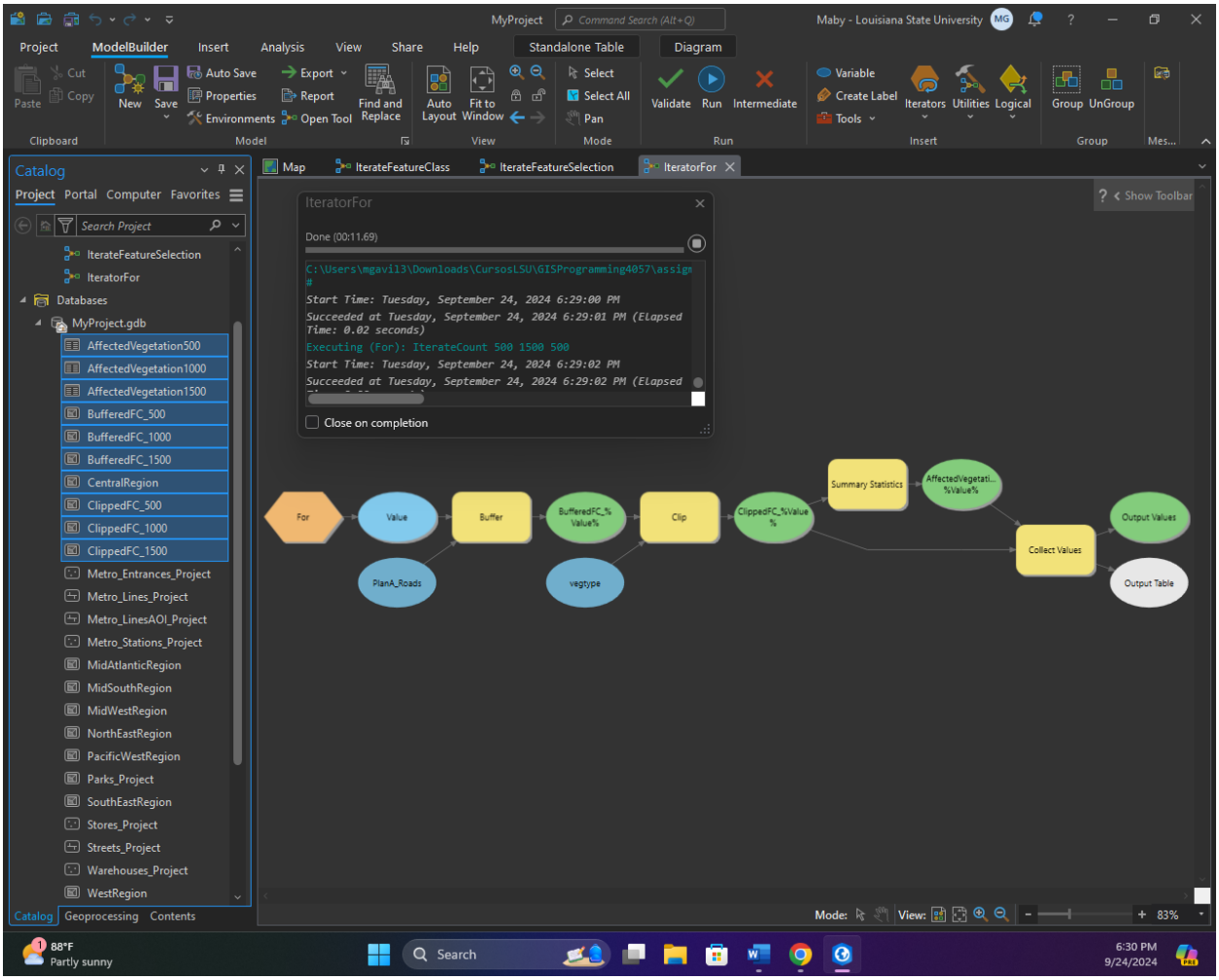
Connecting Vale to buffer:



Parameters for Clip tool:



Parameters for Summary stats:



Final result: