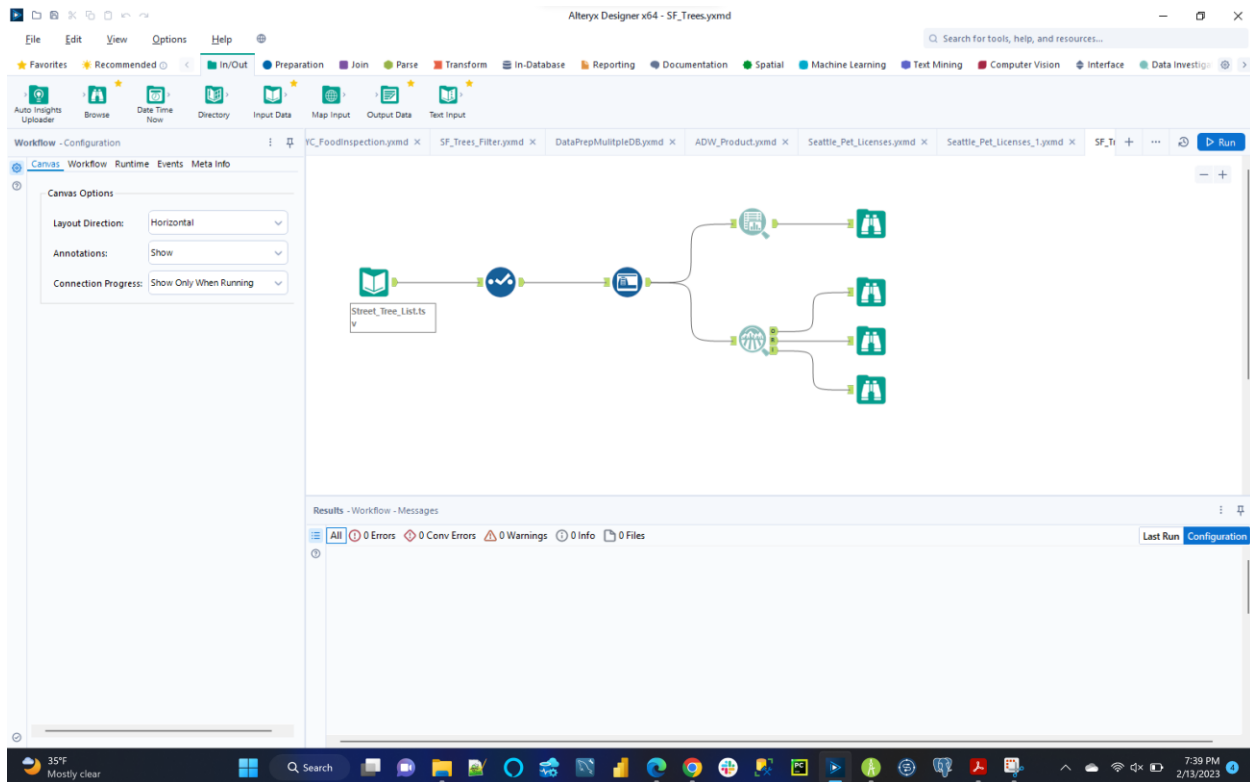
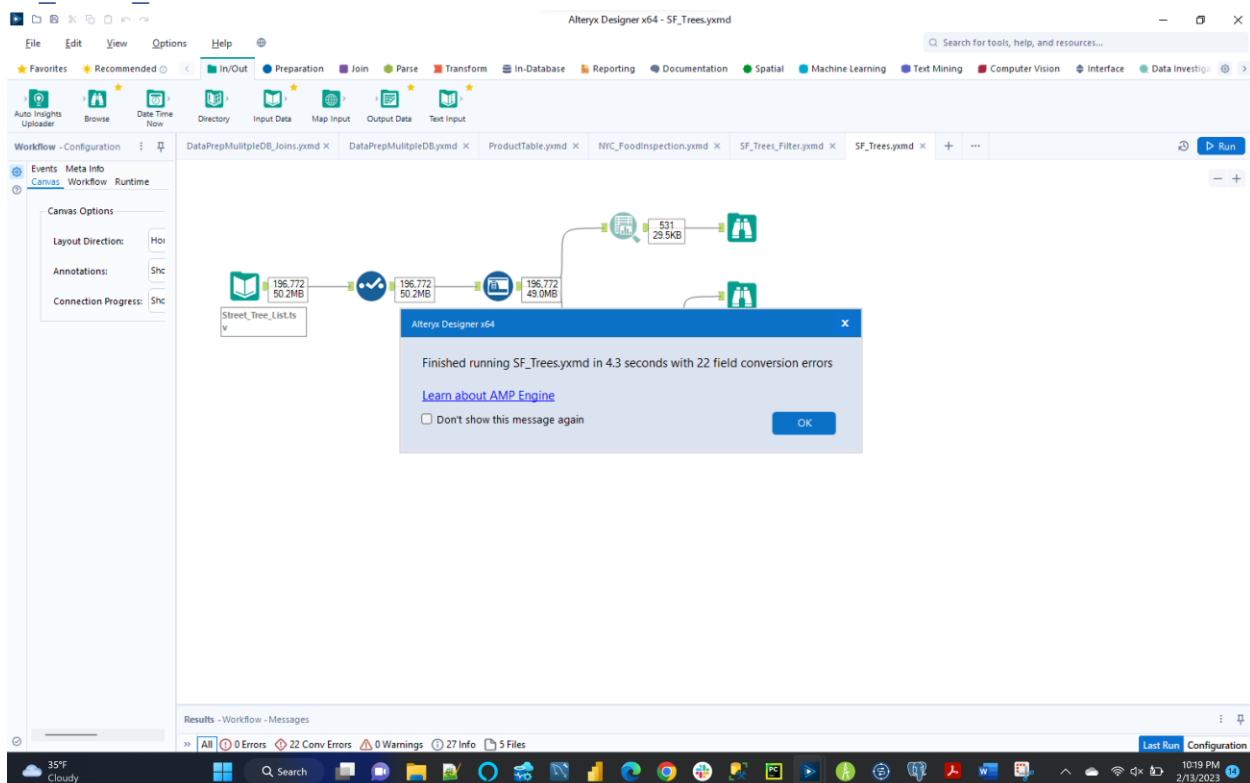


Assignment: Alteryx Data Preparation & Data Profiling Intro using San Francisco Trees

SF_Trees:



SF_Trees_Runtime:



The screenshot displays the Alteryx Designer software interface. The top menu bar includes File, Edit, View, Options, and Help. Below the menu is a toolbar with icons for Favorites, Recommended, In/Out, Preparation, Join, Parse, Transform, In-Database, Reporting, Documentation, Spatial, Machine Learning, Text Mining, Computer Vision, Interface, and Data Investigation. The main workspace shows a workflow titled "SF_Trees_Filter.yxd" with several input files: "Seattle_Pet_Licenses_DataProfiling.yxd", "NYC_FoodInspection.yxd", "SF_Trees_Filter.yxd", "DataPrepMultipleDB.yxd", "ADW_Product.yxd", and "Seattle_Pet_Licenses.y". The workflow diagram includes a "Street_Tree_Lists" input, followed by a "Join" node, a "Filter" node, and a "Join" node. The output is split into two paths, each leading to a "Join" node and then a "Filter" node. The bottom panel shows the "Results - Workflow - Messages" section, which lists 29 messages, including 0 Errors, 0 Conv Errors, 0 Warnings, and 29 Info messages. The messages are categorized by "Auto_Field (S)" and "Auto_Field (I)". The "Auto_Field (S)" messages show the field type of "Location" changed to String(41), "Fire Prevention Districts" changed to Byte, "Police Districts" changed to Byte, "Supervisor Districts" changed to Byte, "Zip Codes" changed to Int16, "Neighborhoods (old)" changed to Byte, and "Analysis Neighborhoods" changed to Byte. The "Auto_Field (I)" messages show the field type of "qSpecies1" changed to V_String(50), "qSpecies2" changed to V_String(38), and "qSpecies3" changed to V_String(38). The bottom status bar shows the system clock as 7:36 PM on 2/13/2023.

The screenshot displays the Alteryx Designer x64 software interface. At the top, the title bar reads "Alteryx Designer x64 - SF_Trees_Filter.yxmd". The main menu includes File, Edit, View, Options, and Help. Below the menu is a toolbar with icons for Auto Insights Uploader, Browse, Date Time Now, Directory, Input Data, Map Input, Output Data, and Text Input. The Workflow - Configuration pane shows several open files: DataPrepMultipleDBJoins.yxmd, DataPrepMultipleDB.yxmd, ProductTable.yxmd, NYC_FoodInspection.yxmd, SF_Trees_Filter.yxmd, SF_Trees.yxmd, and a plus sign for more files. The Events pane on the left shows the Canvas, Workflow, and Runtime tabs. The Canvas Options pane includes Layout Direction (Horizontal), Annotations (Show/Hide), and Connection Progress (Show/Hide). The main workspace shows a workflow diagram with a message box overlaying it. The message box, titled "Alteryx Designer x64", states: "Finished running SF_Trees_Filter.yxmd in 0.9 seconds using AMP engine." It includes a link to "Learn about AMP engine" and a checkbox for "Don't show this message again". The workflow diagram shows a sequence of tools: a Data Input tool (Street_Tree_Lists v), a Join tool, a Filter tool, and a Data Output tool. The data flow is indicated by arrows and data volume labels (e.g., 196,772 rows, 50.2MB). The bottom status bar shows "Results - Workflow - Messages" and a summary of workflow execution: "All | 0 Errors | 0 Conv. Errors | 0 Warnings | 29 Info | 4 Files". The system tray at the bottom shows the date and time: "10:20 PM 2/13/2023".