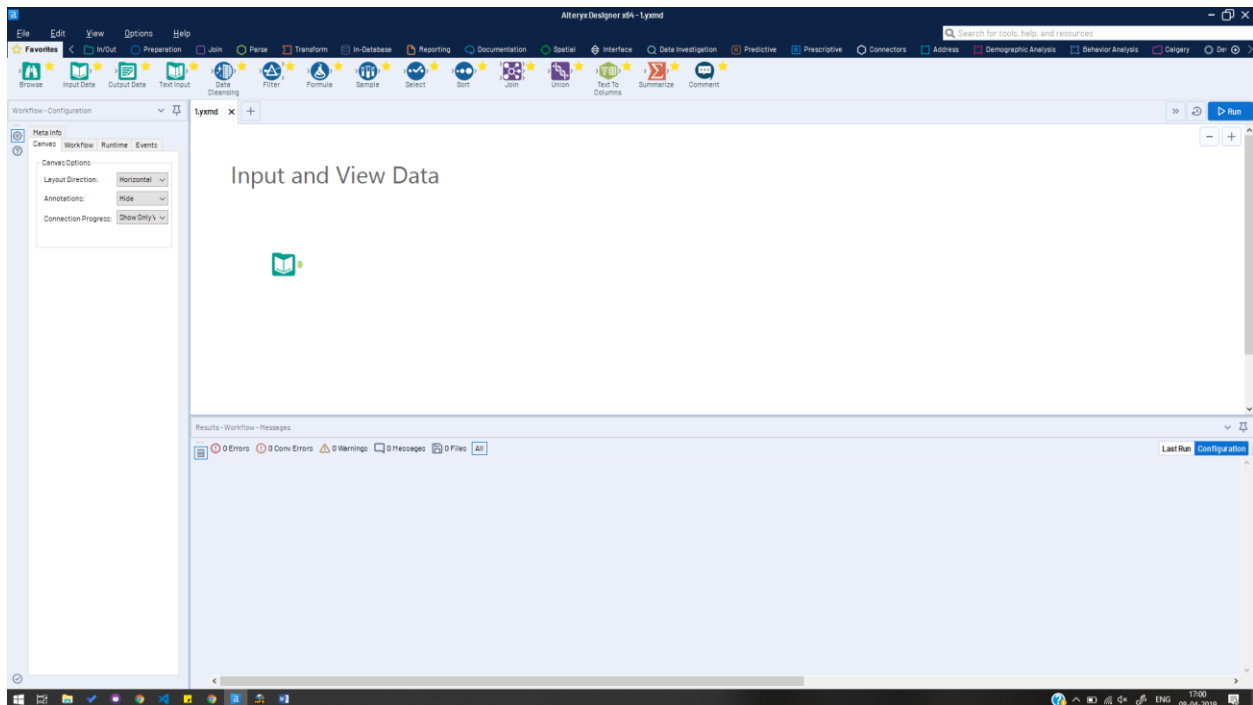


Experiment 1

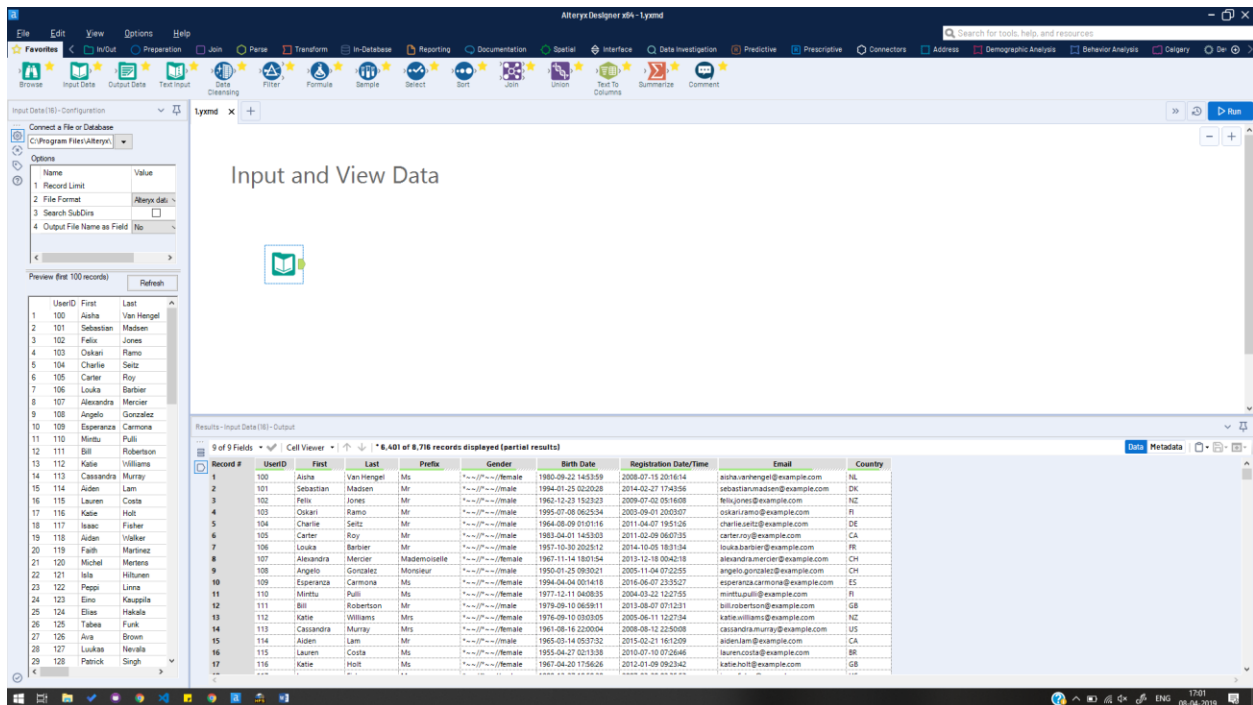
To understand the detailed steps involved in inputting and viewing of data in Alteryx designer tool.

Connecting to Data

1. Drag an Input Data tool onto the canvas from the toolbar and place it on the Workflow Space.
2. In the Configuration window on the left, click the Connect a File or Database drop down and select File to bring data into the workflow.

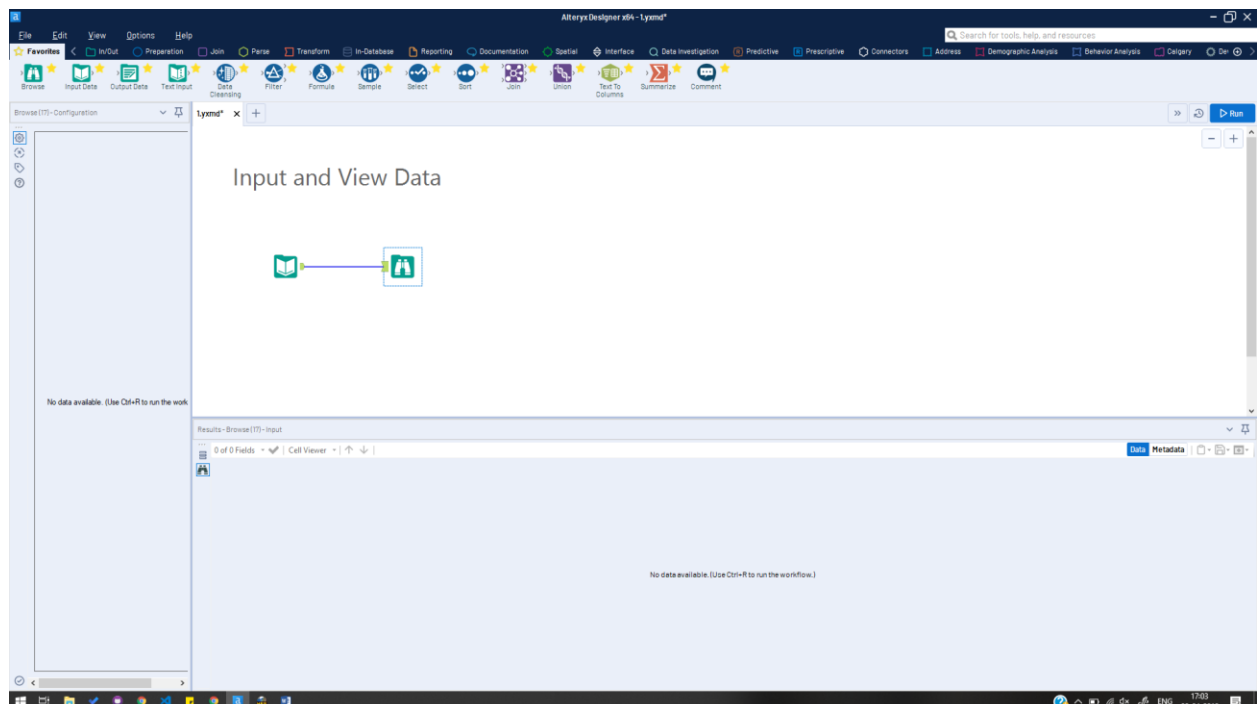


3. Locate the TutorialData.yxdb file in \Alteryx\Samples\en\SampleData\ and click Open.
4. A preview of the data shows in the Configuration window.
5. Run the workflow using the "play" button above the tool palette.
6. Running the workflow generates results for the selected tool in the Results window below the workflow space.
7. Clicking on a tool's input or output anchor will display the data associated with that anchor.
8. Viewing this data without a browse tool is limited to 1mb. That size limit can be adjusted in the user settings. When the limit is reached, the Results window will display a message about only being able to show partial results.



Viewing Data

1. Drag a Browse tool to the canvas and connect it to the Input Data tool.



2. Click the Run Workflow button on the toolbar and select the Browse tool. The Browse tool displays all records in the Results window, regardless of size limit.

- When the Browse tool is selected, the Configuration window displays charts and metadata about the data columns. The charts in the Configuration window are interactive. Click on each column in the Results window to see the information change in the Configuration window based on the selected column.

The screenshot displays the Alteryx Designer 10.5.1 - Lyondr interface. The top menu bar includes File, Edit, View, Options, and Help. The main toolbar contains various tools like Browse, Input Data, Output Data, Text Input, Data Clustering, Filter, Formula, Sample, Select, Sort, Join, Union, Text to Columns, Summarize, and Comment. The left sidebar shows the 'Browse (17) - Configuration' window, which displays a bar chart titled 'Prefix' showing the frequency of different prefixes (Mr, Ms, Mrs, Miss, Monsieur, Mademoiselle). Below the chart is a 'Data Quality' section with a legend for NOT OK (0.0%), NULL (0.0%), EMPTY (0.0%), and OK (100.0%). The 'Prefix' data quality table shows the following values:

| Prefix | NOT OK | NULL | EMPTY | OK |
|--------------|--------|------|-------|--------|
| Mr | 0.0% | 0.0% | 0.0% | 100.0% |
| Ms | 0.0% | 0.0% | 0.0% | 100.0% |
| Mrs | 0.0% | 0.0% | 0.0% | 100.0% |
| Miss | 0.0% | 0.0% | 0.0% | 100.0% |
| Monsieur | 0.0% | 0.0% | 0.0% | 100.0% |
| Mademoiselle | 0.0% | 0.0% | 0.0% | 100.0% |

The right sidebar shows the 'Results - Browse (17) - Input' window, which displays a table of data. The table has 9 columns: Record #, UserID, First, Last, Prefix, Gender, Birth Date, Registration Date/Time, Email, and Country. The data is sorted by Record #. The first few rows are:

| Record # | UserID | First | Last | Prefix | Gender | Birth Date | Registration Date/Time | Email | Country |
|----------|--------|-----------|------------|--------------|--------|---------------------|------------------------|-------------------------------|---------|
| 1 | 100 | Aisha | Van Hengel | Ms | Female | 1985-09-30 14:53:59 | 2008-07-15 20:16:14 | aisha.vanhengel@example.com | NL |
| 2 | 101 | Sebastian | Madsen | Mr | Male | 1994-01-25 02:20:28 | 2014-02-27 17:43:56 | sebastian.madsen@example.com | DK |
| 3 | 102 | Felix | Jones | Mr | Male | 1962-12-23 15:23:23 | 2009-07-03 05:16:06 | felix.jones@example.com | NZ |
| 4 | 103 | Osami | Rams | Mr | Male | 1995-07-08 06:25:24 | 2002-09-01 20:00:07 | osami.rams@example.com | FI |
| 5 | 104 | Charlie | Seltz | Mr | Male | 1964-08-09 01:01:16 | 2011-04-07 19:51:26 | charlie.seltz@example.com | DE |
| 6 | 105 | Carter | Roy | Mr | Male | 1983-04-01 14:53:03 | 2011-02-09 06:07:35 | carter.roy@example.com | CA |
| 7 | 106 | Louka | Barber | Mr | Male | 1997-10-30 20:29:12 | 2014-10-09 18:31:34 | louka.barber@example.com | FR |
| 8 | 107 | Alexandra | Mercier | Mademoiselle | Female | 1987-11-14 18:01:54 | 2013-12-18 09:42:18 | alexandra.mercier@example.com | CH |
| 9 | 108 | Angelo | Gonzales | Monsieur | Male | 1990-01-25 09:30:21 | 2005-11-04 07:22:55 | angelo.gonzales@example.com | CH |
| 10 | 109 | Esperanza | Carmona | Ms | Female | 1994-04-04 00:14:10 | 2016-06-07 23:55:27 | esperanza.carmona@example.com | ES |
| 11 | 110 | Minttu | Pullu | Ms | Female | 1977-12-11 04:08:20 | 2004-03-22 12:27:55 | minttu.pullu@example.com | FI |
| 12 | 111 | Bill | Robertson | Mr | Male | 1978-06-10 06:59:11 | 2013-08-07 07:12:31 | bill.robertson@example.com | GB |
| 13 | 112 | Katie | Williams | Mrs | Female | 1976-09-10 03:03:05 | 2005-06-11 12:27:34 | katie.williams@example.com | NZ |
| 14 | 113 | Cassandra | Munty | Mrs | Female | 1981-05-16 22:00:04 | 2008-08-12 22:50:06 | cassandra.munty@example.com | US |
| 15 | 114 | Alden | Lam | Mr | Male | 1985-03-14 05:37:32 | 2015-02-21 18:12:09 | alden.lam@example.com | CA |
| 16 | 115 | Lauren | Costa | Ms | Female | 1955-04-27 02:13:38 | 2010-07-10 07:26:46 | lauren.costa@example.com | BR |
| 17 | 116 | Katie | Holt | Ms | Female | 1987-04-20 17:56:26 | 2012-01-09 09:23:42 | katie.holt@example.com | GB |