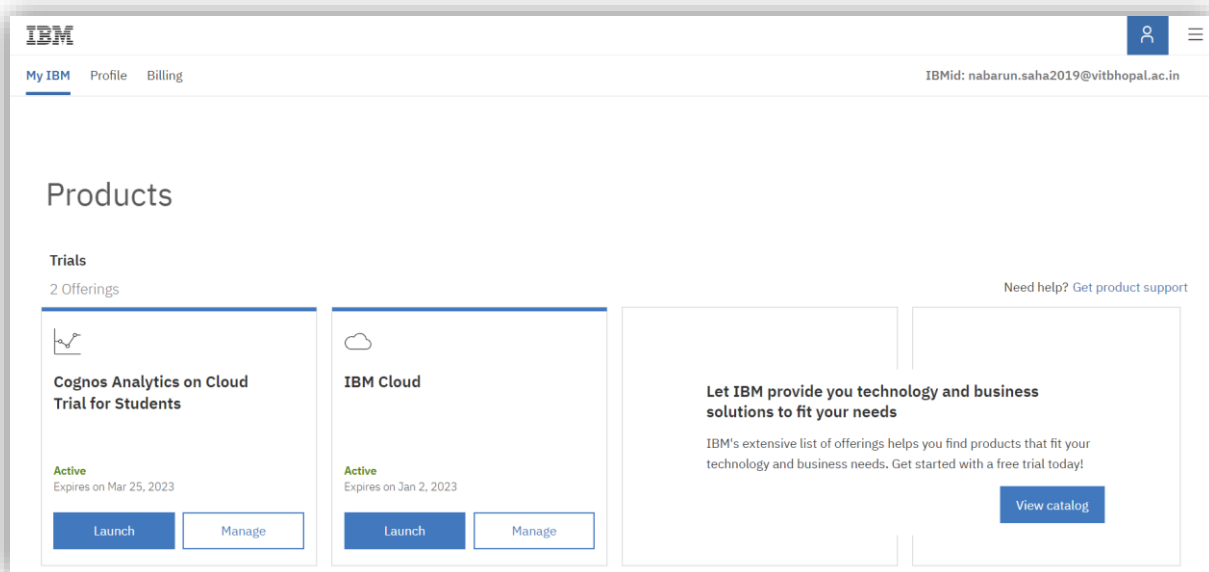
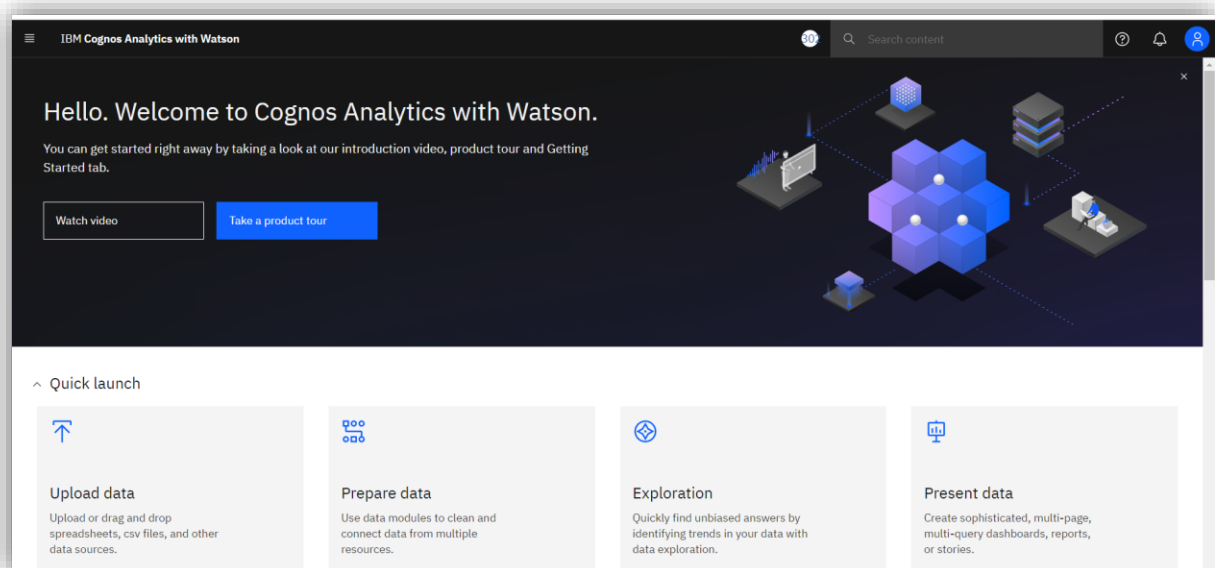


World Population Module

Task 1: IBM Account Creation

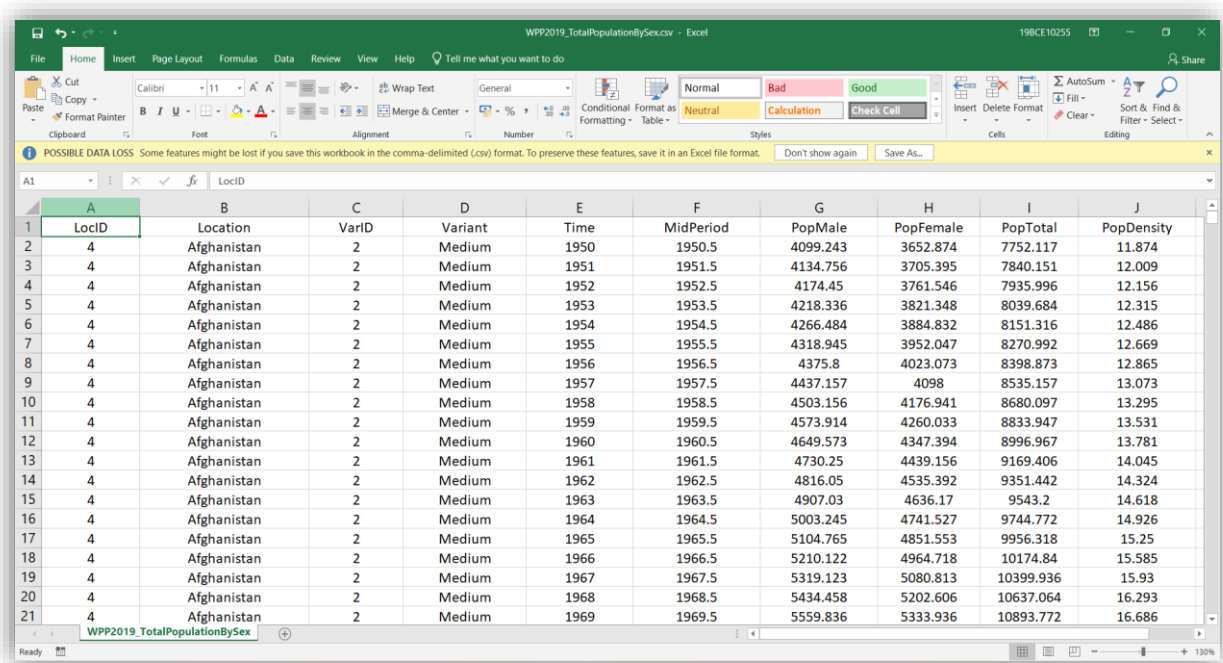


Task 2: Create Cognos Analytics Account



World Population Module

Task 3: Understand The Dataset



WPP2019_TotalPopulationBySex.csv - Excel

198CE10255

File Home Insert Page Layout Formulas Data Review View Help Tell me what you want to do

Clipboard Font Alignment Number Styles Cells Editing

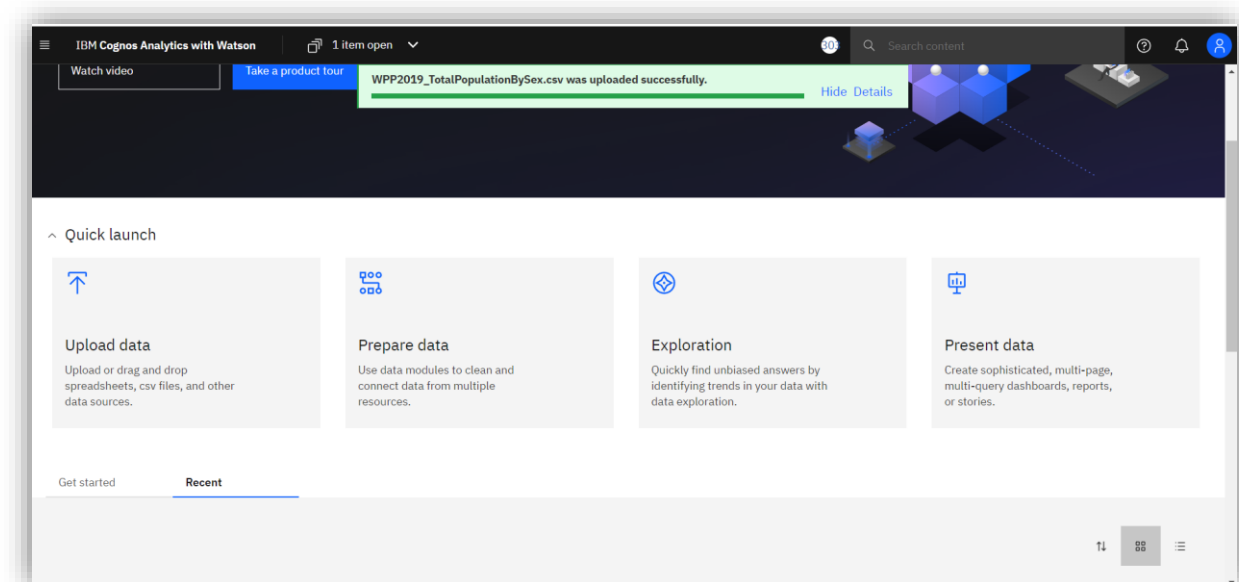
POSSIBLE DATA LOSS Some features might be lost if you save this workbook in the comma-delimited (.csv) format. To preserve these features, save it in an Excel file format. Don't show again Save As...

	A	B	C	D	E	F	G	H	I	J
	LocID	Location	VarID	Variant	Time	MidPeriod	PopMale	PopFemale	PopTotal	PopDensity
1	4	Afghanistan	2	Medium	1950	1950.5	4099.243	3652.874	7752.117	11.874
2	4	Afghanistan	2	Medium	1951	1951.5	4134.756	3705.395	7840.151	12.009
3	4	Afghanistan	2	Medium	1952	1952.5	4174.45	3761.546	7935.996	12.156
4	4	Afghanistan	2	Medium	1953	1953.5	4218.336	3821.348	8039.684	12.315
5	4	Afghanistan	2	Medium	1954	1954.5	4266.484	3884.832	8151.316	12.486
6	4	Afghanistan	2	Medium	1955	1955.5	4318.945	3952.047	8270.992	12.669
7	4	Afghanistan	2	Medium	1956	1956.5	4375.8	4023.073	8398.873	12.865
8	4	Afghanistan	2	Medium	1957	1957.5	4437.157	4098	8535.157	13.073
9	4	Afghanistan	2	Medium	1958	1958.5	4503.156	4176.941	8680.097	13.295
10	4	Afghanistan	2	Medium	1959	1959.5	4573.914	4260.033	8833.947	13.531
11	4	Afghanistan	2	Medium	1960	1960.5	4649.573	4347.394	8996.967	13.781
12	4	Afghanistan	2	Medium	1961	1961.5	4730.25	4439.156	9169.406	14.045
13	4	Afghanistan	2	Medium	1962	1962.5	4816.05	4535.392	9351.442	14.324
14	4	Afghanistan	2	Medium	1963	1963.5	4907.03	4636.17	9543.2	14.618
15	4	Afghanistan	2	Medium	1964	1964.5	5003.245	4741.527	9744.772	14.926
16	4	Afghanistan	2	Medium	1965	1965.5	5104.765	4851.553	9956.318	15.25
17	4	Afghanistan	2	Medium	1966	1966.5	5210.122	4964.718	10174.84	15.585
18	4	Afghanistan	2	Medium	1967	1967.5	5319.123	5080.813	10399.936	15.93
19	4	Afghanistan	2	Medium	1968	1968.5	5434.458	5202.606	10637.064	16.293
20	4	Afghanistan	2	Medium	1969	1969.5	5559.836	5333.936	10893.772	16.686

WPP2019_TotalPopulationBySex

Ready

Task 4: Loading The Dataset



IBM Cognos Analytics with Watson 1 item open

Watch video Take a product tour WPP2019_TotalPopulationBySex.csv was uploaded successfully. Hide Details

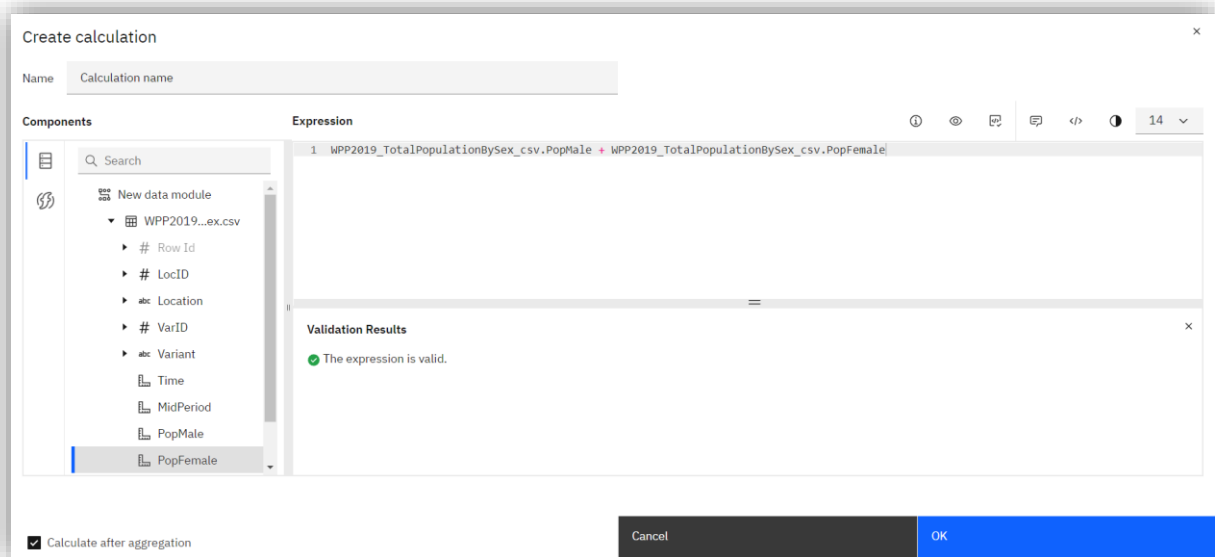
Quick launch

- Upload data**
Upload or drag and drop spreadsheets, csv files, and other data sources.
- Prepare data**
Use data modules to clean and connect data from multiple resources.
- Exploration**
Quickly find unbiased answers by identifying trends in your data with data exploration.
- Present data**
Create sophisticated, multi-page, multi-query dashboards, reports, or stories.

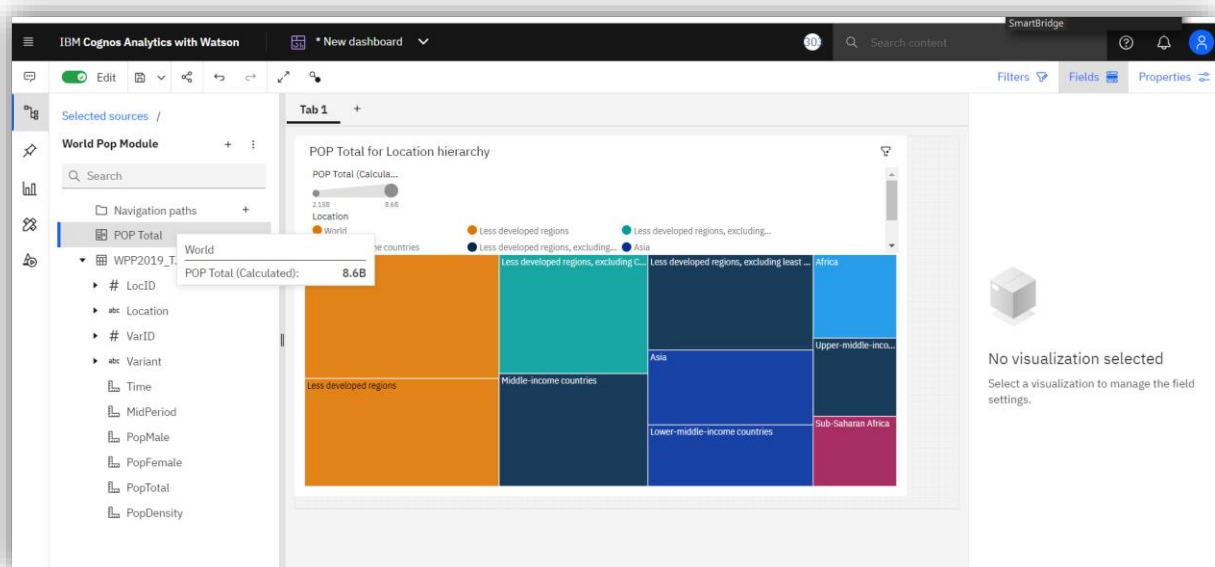
Get started Recent

World Population Module

Task 5: Prepare The Dataset

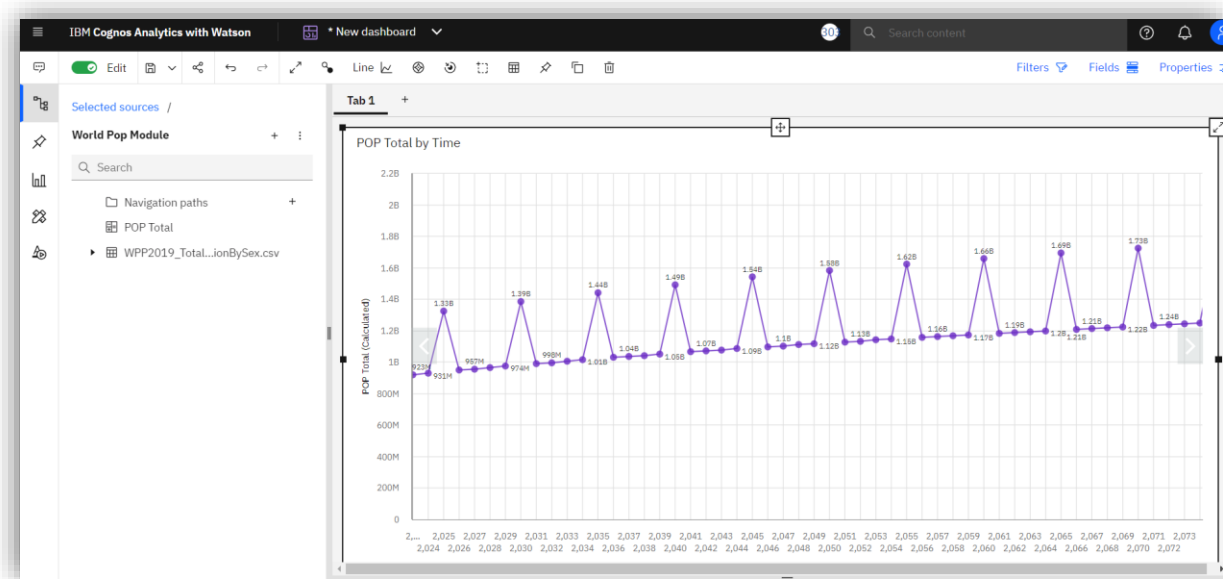


Task 6: Top10 Pop Total By Location Using Tree Map

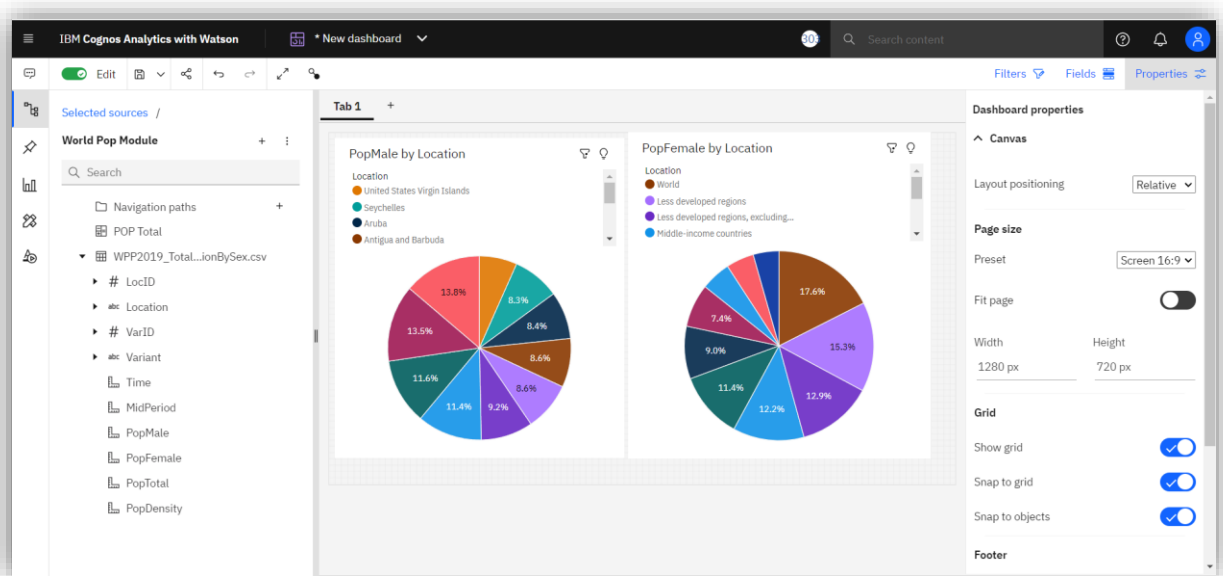


World Population Module

Task 7: Pop Total By Time Using Line Chart

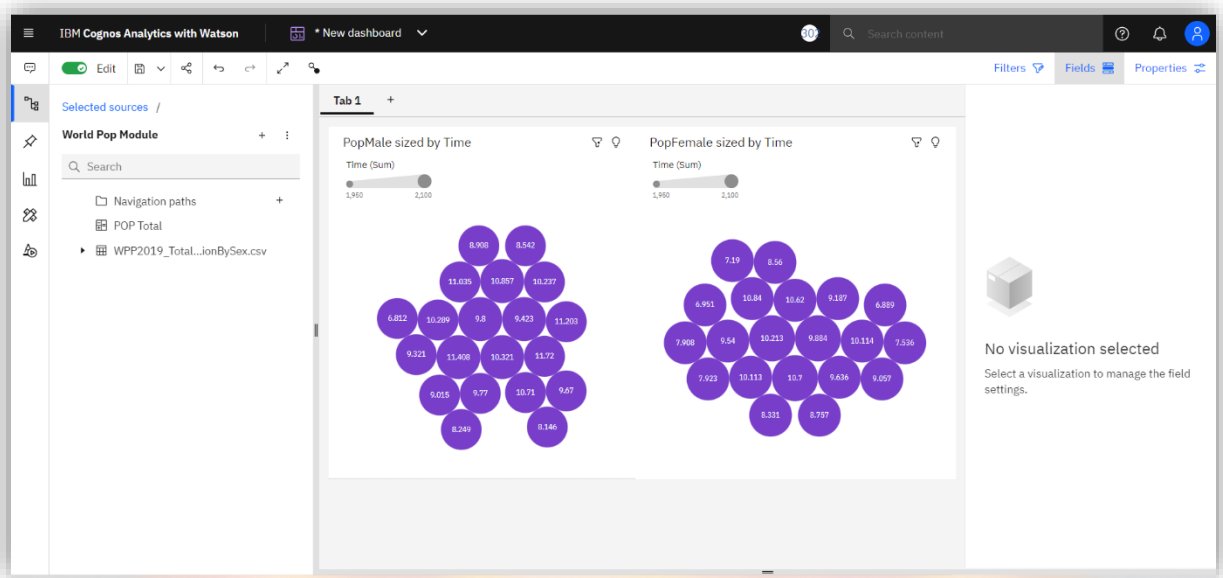


Task 8: Pop Male By Location And Pop Female By Location Using Pie Charts

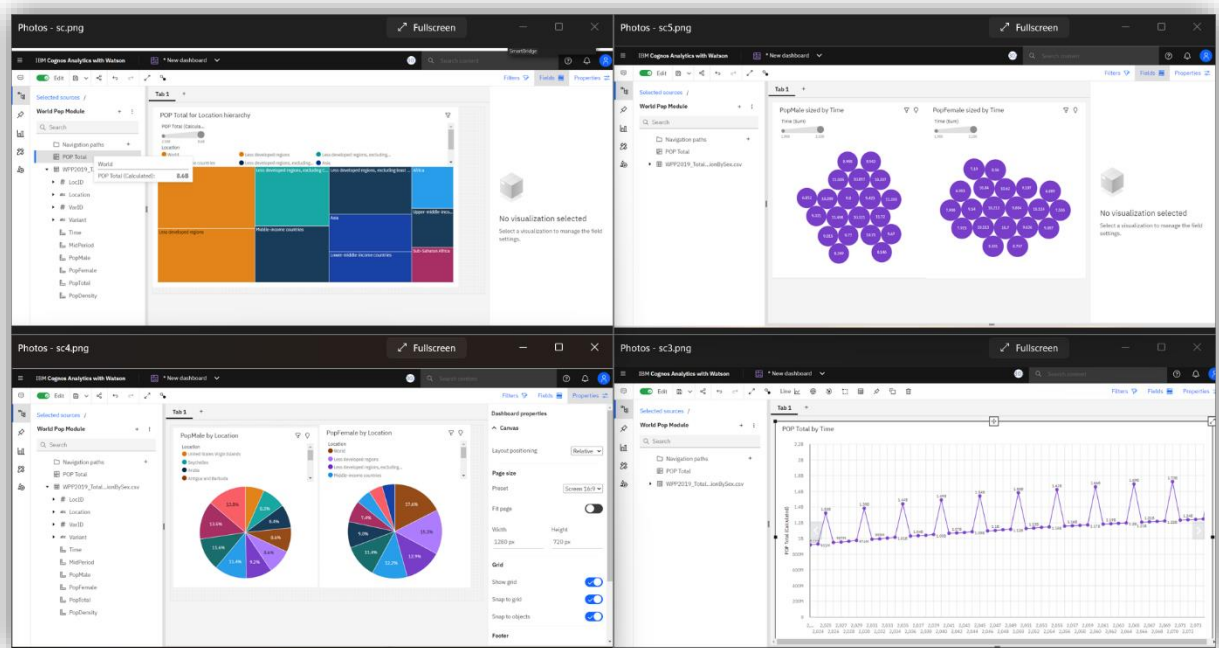


World Population Module

Task 9: Pop Male By Time And Pop Female Using Packed Bubble Charts

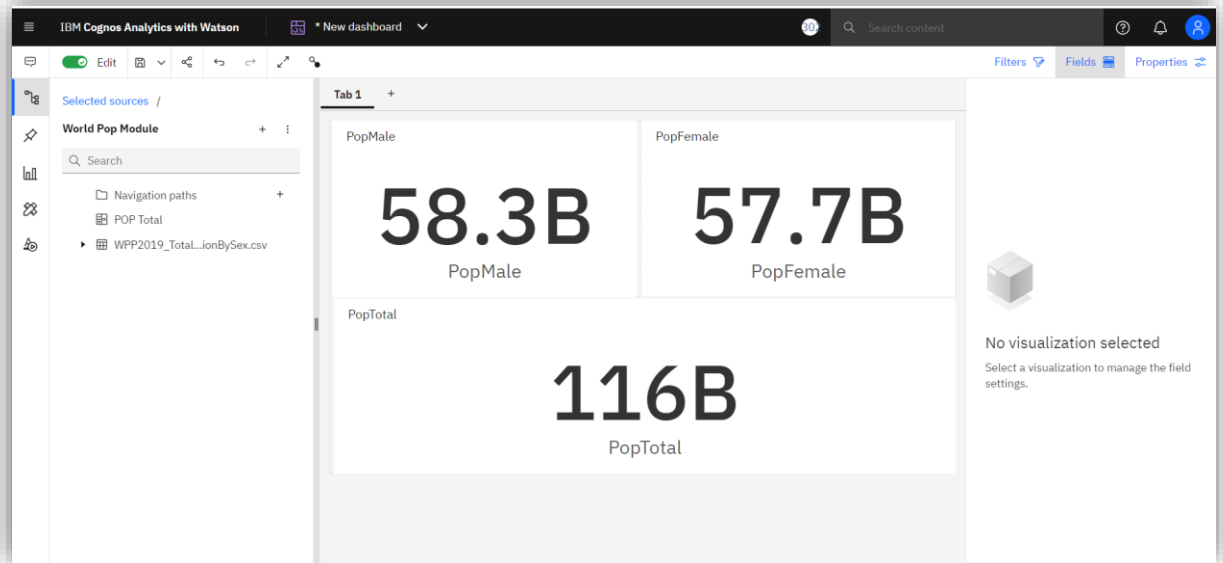


Task 10: Building Of Dashboard



World Population Module

Task 11: Pop Male, Pop Female And Pop Total Using Summary



- Conclusion

The 2019 Revision of World Population Prospects is the twenty-sixth round of official United Nations population estimates and projections that have been prepared by the Population Division of the Department of Economic and Social Affairs of the United Nations Secretariat is displayed.

The results are presented in a series of Excel files displaying key demographic indicators for each UN development group, World Bank income group, geographic region, Sustainable Development Goals (SDGs) region, sub region and country or area for selected periods or dates within 1950-2100.

List of sources of empirical data used or considered and the methods applied in revising past estimates of population and components of demographic change (fertility, child, adult and overall mortality, international migration) are presented in tabular form for each demographic component and country or area for the period 1950-2020.

The analysis of the dataset is being done using various visualizations and templates by which we can get some preliminary idea about how the Population of UN is being effected with time.

World Population Module

- Advantages:
 - A. It helps to visualize the different dataset of the World Population Module.
 - B. Gives a better idea about visualizations using Smart Bridge Platform.
 - C. Gave a better understanding about IBM Cloud and IBM Cognos using Watson where the data is being prepared.
- Disadvantages:
 - A. The data set is too large such that many false information may lead to mis interpretation of the dataset.
 - B. The world population is increasing years after year and which has to be controlled.
