

DA ASSIGNMENT – 2

VIT-AP UNIVERSITY

SCOPE

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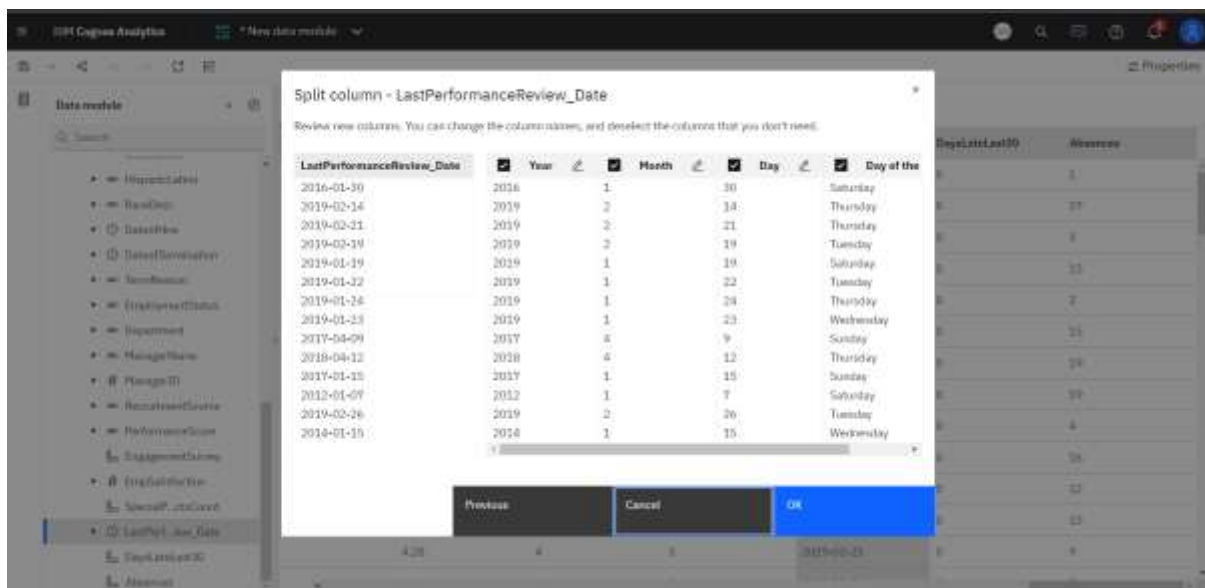
Pavithra. S

21BCE7314

HR DATASET

Data Set is uploaded:

Split column(Date):



Ts	SpecialProjectsCount	LastPerf_LastDate	Year	Month	Day	Day of the week	DaysLateLast90
3		2019-01-17	2019	1	17	Thursday	0
5		2016-02-24	2016	2	24	Wednesday	0
3		2010-05-15	2010	5	15	Tuesday	0
3		2019-01-03	2019	1	3	Thursday	0
3		2016-02-01	2016	2	1	Monday	0
3		2019-01-07	2019	1	7	Monday	0
5		2019-01-02	2019	1	2	Wednesday	0
3		2019-02-25	2019	2	25	Monday	0
3		2019-02-25	2019	2	25	Friday	0
5		2019-01-18	2019	1	18	Monday	0
3		2016-03-30	2016	3	30	Saturday	0
3		2016-05-06	2016	5	6	Friday	0
3		2019-02-25	2019	2	25	Monday	0

Removing Emp_id As it is unique:

Row ID	Employee_Name	EmpID	MarriedID	MaritalStatusID	GenderID	EmpStatusID
5	Anderson, Carol	10069	0	2	0	5
6	Anderson, Linda	10002	0	0	0	1
7	Armstrong, Colby	10194	0	0	0	1
8	Athwal, Sam	10062	0	4	1	1
9	Bachley, N. Linda	10114	0	0	0	3
10	Baer, Alejandro	10250	0	2	1	1
11	Bazemski, Richard	10252	1	1	0	5
12	Barber, Thomas	10282	1	1	1	5
13	Barbosa, Hector	10012	0	2	1	1
14	Barrow, Francisco A	10285	0	0	1	1
15	Barton, Nader	10066	0	2	1	5
16	Bates, Norman	10061	0	0	1	4
17	Beak, Kimberly	10021	1	1	0	2

.....conts.

The screenshot shows the IBM Cognos Analytics interface. On the left, a 'Data module' pane lists various fields: Row ID, Employee Name, Married ID, Marital Status ID, Gender ID, Emp Status ID, Dept ID, Position ID, Position, State, Zip, and DOB. The main area displays a table with 13 rows and 8 columns. The columns are: Row ID, Employee Name, Married ID, Marital Status ID, Gender ID, Emp Status ID, Dept ID, and an unlabeled column (likely DOB based on the next screenshot).

Row ID	Employee Name	Married ID	Marital Status ID	Gender ID	Emp Status ID	Dept ID	
1	Adams, Wilson R	0	0	1	1	5	
2	Adams, Katherine	1	1	1	5	5	
3	Adams, Sarah	1	1	0	5	5	
4	Adams, Tina	1	1	0	1	5	
5	Anderson, Carol	0	1	0	5	5	
6	Anderson, Linda	0	0	0	1	5	
7	Anderson, Cindy	0	0	0	1	4	
8	Ahmad, Sam	0	4	1	1	5	
9	Baloch, Lela	0	0	0	3	5	
10	Baloch, Alexander	0	2	1	1	3	
11	Baczynski, Richard	1	1	0	5	5	
12	Barba, Thomas	1	1	1	5	5	
13	Barba, Hector	0	2	1	1	3	

Data Set is uploaded:

Split column(Date):

The screenshot shows the 'Split column - DOB' dialog box in IBM Cognos Analytics. The dialog prompts the user to select items to create new columns. It has input fields for Year (1988), Month (1), and Day (7), and a checkbox for 'Include the day of the week' which is checked. Below the inputs is a 'Preview' section showing a table of DOB values and their corresponding Year, Month, Day, and Day of the week.

DOB	Year	Month	Day	Day of the week
1988-01-07	1988	1	7	Thursday
1974-01-12	1974	1	12	Saturday
1977-07-15	1977	7	15	Friday
1979-04-06	1979	4	6	Friday
1989-09-01	1989	9	1	Friday
1972-02-09	1972	2	9	Wednesday
1981-08-27	1981	8	27	Saturday
1988-07-31	1988	7	31	Tuesday
1985-09-05	1985	9	5	Thursday
1980-08-26	1980	8	26	Tuesday

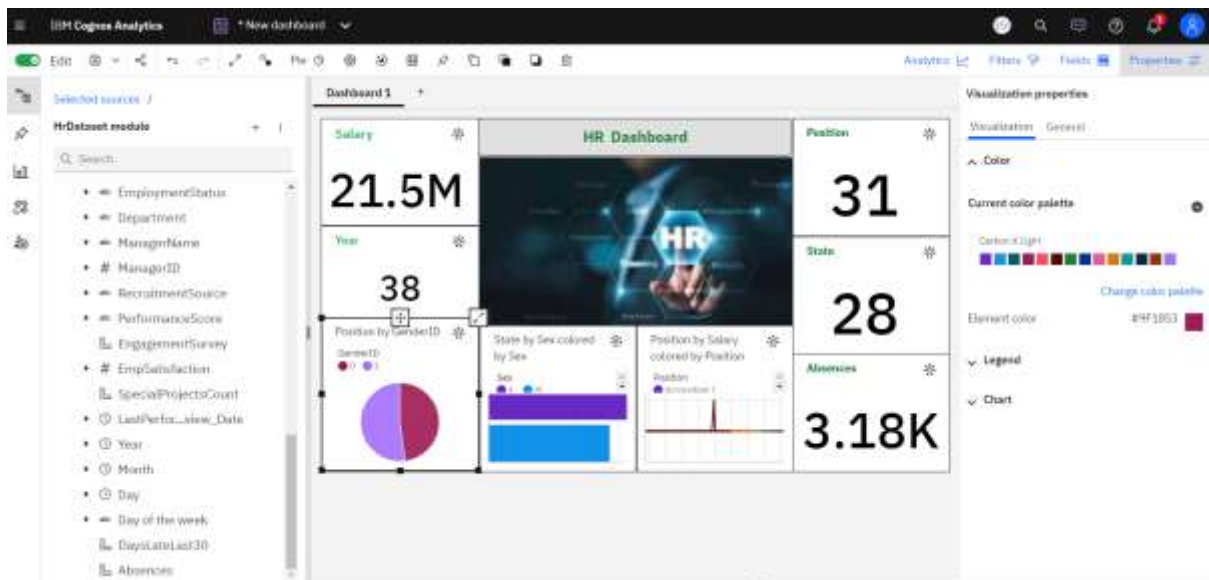
IBM Cognos Analytics - * New data module

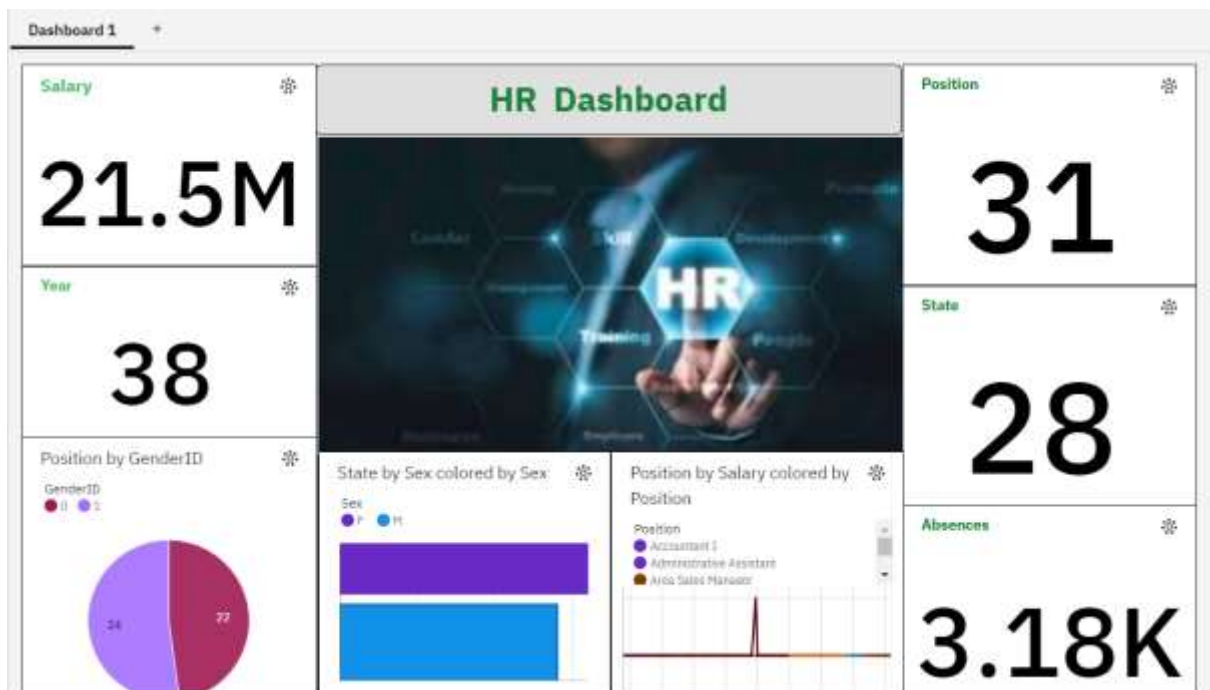
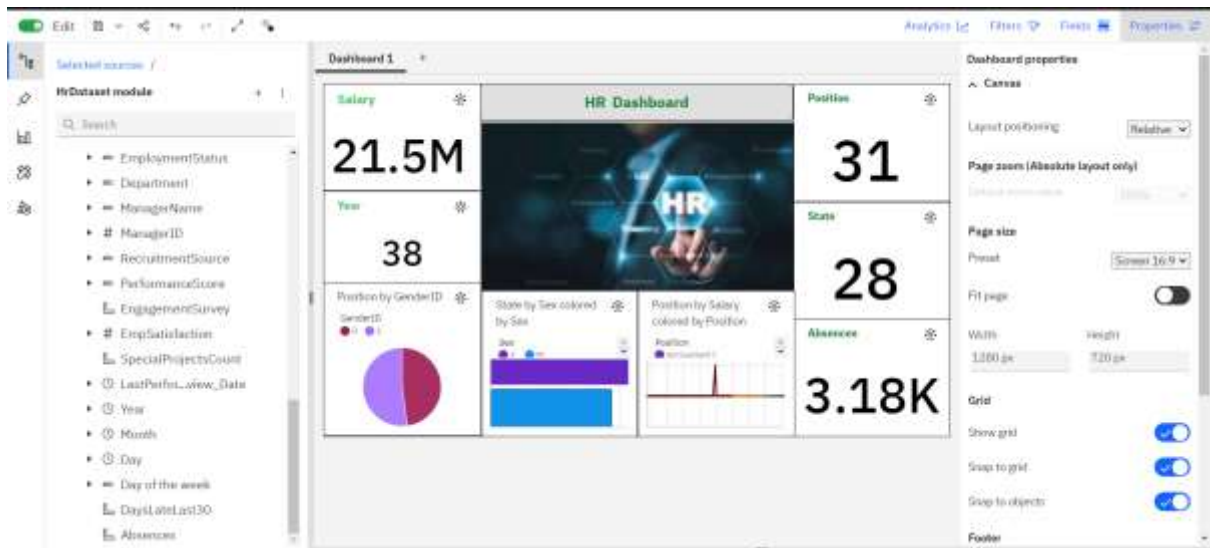
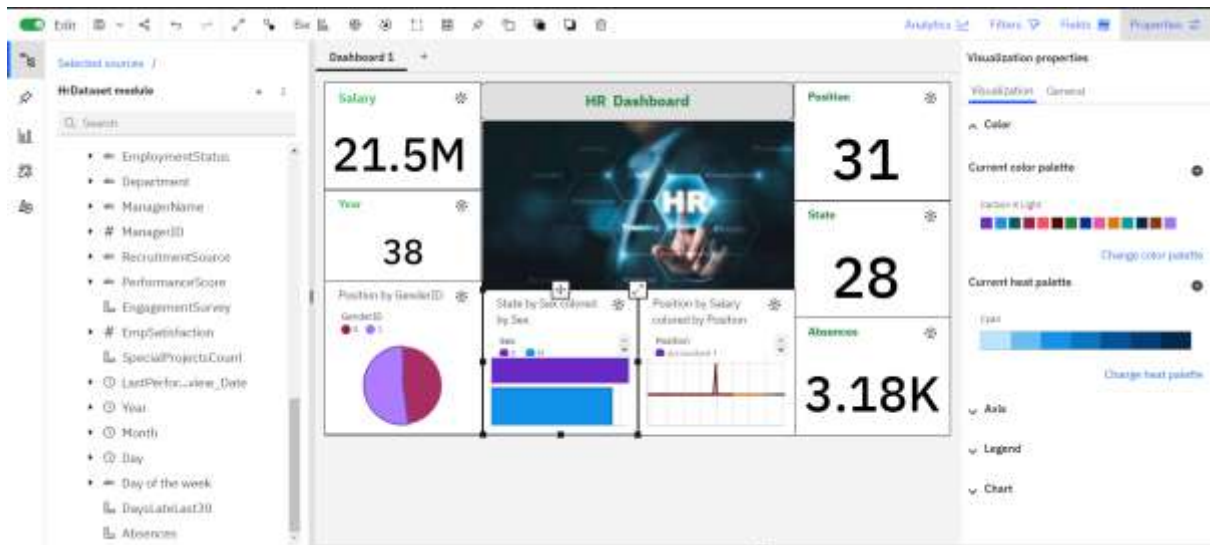
Data module

Grid Relationships Custom tables

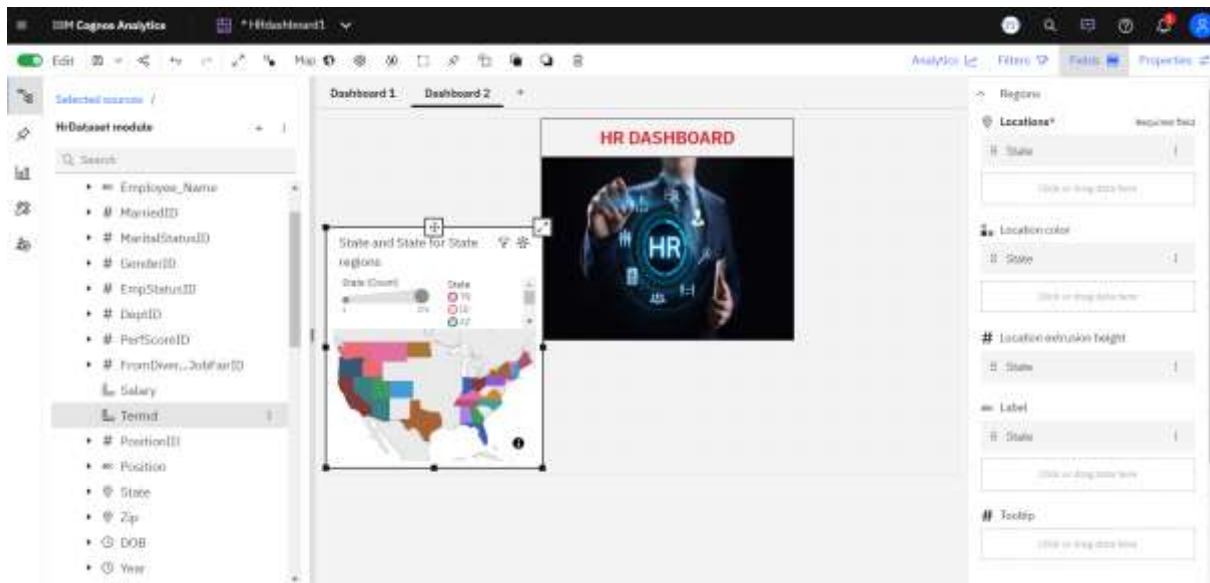
TI	DOB	Year	Month	Day	Day of the week	Sex	MaritalDa
	1957-07-10	1957	7	10	Sunday	M	Single
	1975-05-05	1975	5	5	Monday	M	Married
	1988-04-19	1988	4	19	Monday	F	Married
	1988-04-27	1988	4	27	Tuesday	F	Married
	1989-04-08	1989	4	8	Friday	F	Divorce
	1973-05-22	1973	5	22	Sunday	F	Single
	1979-05-24	1979	5	24	Thursday	F	Single
	1983-02-18	1983	2	18	Friday	M	Widow
	1970-02-11	1970	2	11	Wednesday	F	Single
	1988-01-07	1988	1	7	Thursday	M	Divorce
	1974-01-13	1974	1	13	Saturday	F	Married
	1974-02-21	1974	2	21	Thursday	M	Married
	1988-07-04	1988	7	4	Monday	M	Divorce

Data Dashboard 1 Creation:





Dashboard 2:



Create calculation

Name:

Components:

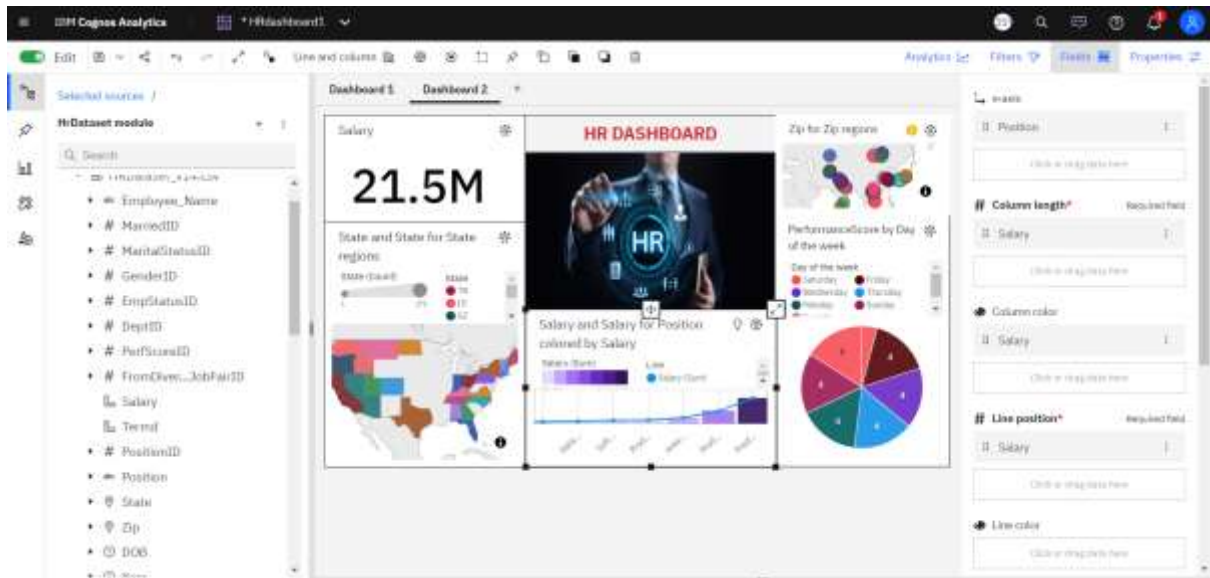
Expression:

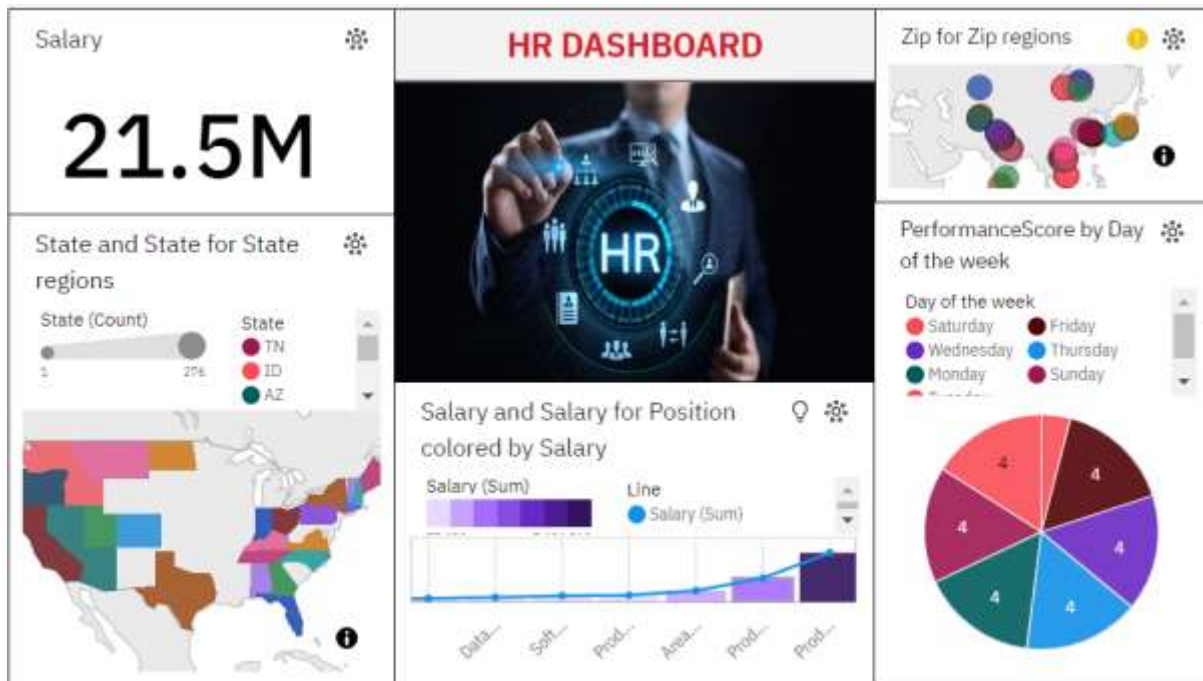
Information:
`average ([distinct] expression [auto])`
`average ([distinct] expression for [allany] expression (, expressions))`
`average ([distinct] expression for report)`
Returns the average value of selected data items. Distinct is an alternative expression that is compatible with earlier versions of the product.
Example: `average (Sales)`
Details: Distinct is not supported in all data sources.

☒ Calculate after aggregation

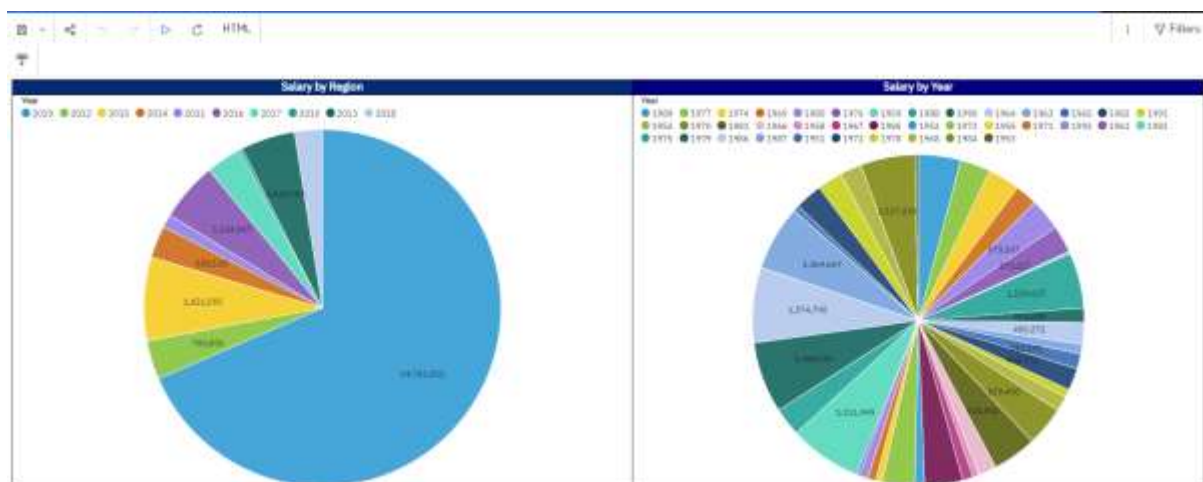
Cancel OK







HR DATASET REPORT:



....CONTS.

HR DATASET STORY

