DATA ANALYTICS

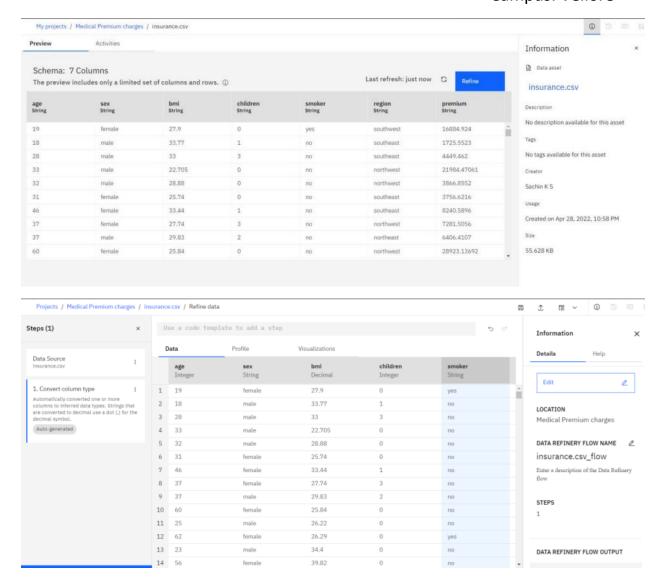
ASSIGNMENT - 4

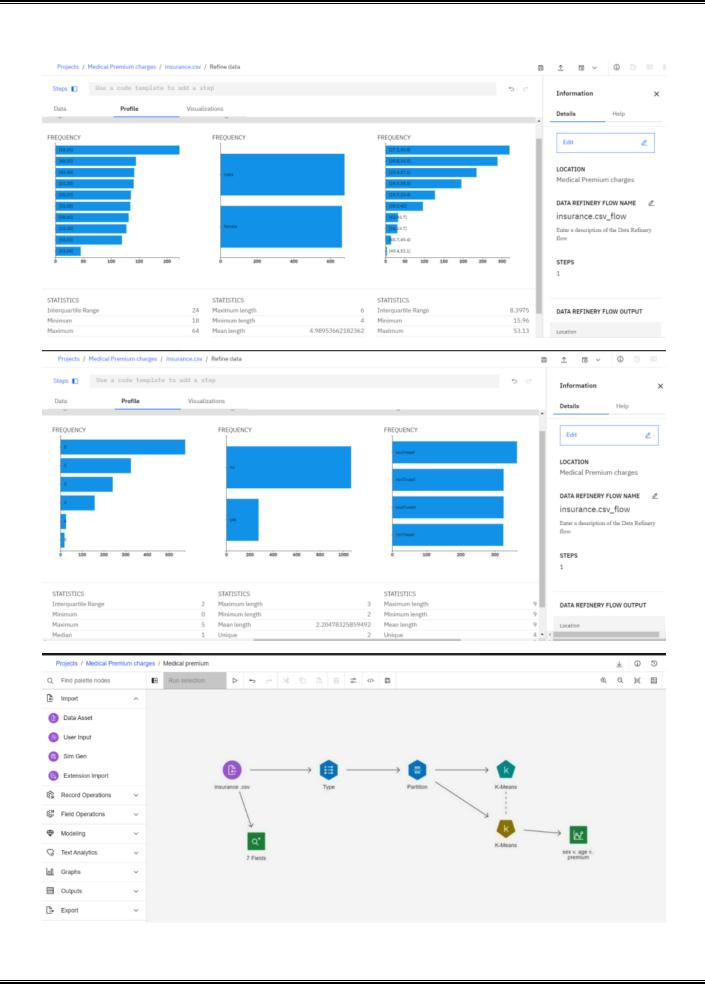
CLUSTERING MEDICAL PREMIUM CHARGES

NAME: Harendhar K

Reg no: 19BEE0140

Campus: Vellore





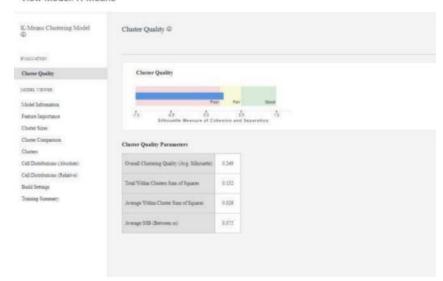
View Output: Data Audit of [7 fields]

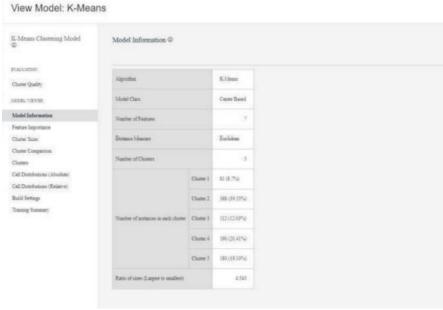
	Field	Graph	Measurement	Min	Max	Mean	Std. Dev	Skewness	Unique	Valid
1	age	**********	Continuous	18	64	39.207	14.050	0.056	-	1338
2	sex		Categorical	-	**	-	-	-	2	1338
3	bmi		Continuous	15.960	53.130	30.663	6.098	0.284	-	1338
4	children	111.	Continuous	0	5	1.095	1.205	0.938	*	1338
5	smoker		Categorical				#	**	2	1338
6	region		Categorical	-	-	-	<u>~</u>	-	4	1338

View Output: Data Audit of [7 fields]

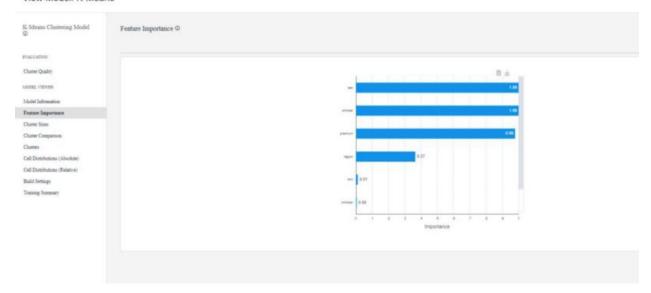
6	region		Categ	orical	-	-	-	:=::	-	4	1338
7	premium		Contin	nuous	1121.874	63770.428	13270.422	12110.011	1,516	-	1338
	Field	Measurement	Outliers	Extremes	Action	Impute Missing	Method	% Complete	Valid Records	Null Value	Empty String
1	age	Continuous	0	0	None	Never	Fixed	100.000	1338	0	0
2	sex	Categorical	**	-	-	Never	Fixed	100.000	1338	0	0
3	bmi	Continuous	4	0	None	Never	Fixed	100.000	1338	0	0
4	children	Continuous	18	0	None	Never	Fixed	100.000	1338	0	0
5	smoker	Categorical	-	-	-	Never	Fixed	100.000	1338	0	0
5	region	Categorical	-	-	-	Never	Fixed	100.000	1338	0	0
	premium	Continuous	7	0	None	Never	Fixed	100.000	1338	0	0





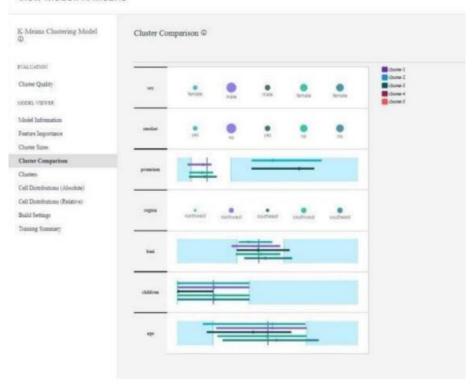


View Model: K-Means

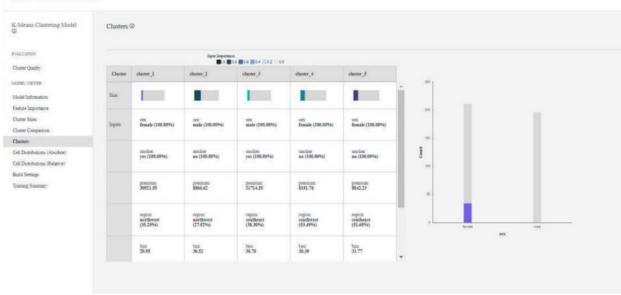




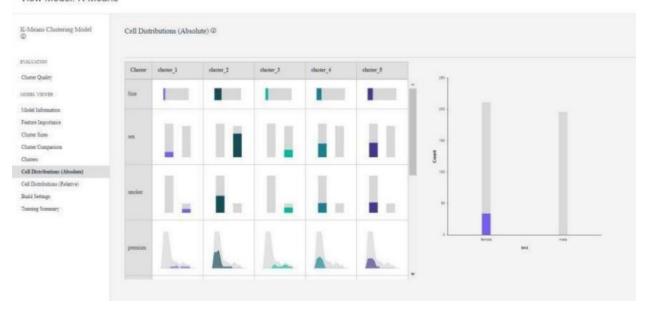
View Model: K-Means



View Model: K-Means



View Model: K-Means



View Model: K-Means

