

OBJECTIVE

Diabetes risk prediction model that integrates insulin and age with essential health markers including glucose, BMI, skin thickness, and blood pressure. By combining these factors, the model provides a comprehensive assessment of an individual's susceptibility to diabetes.

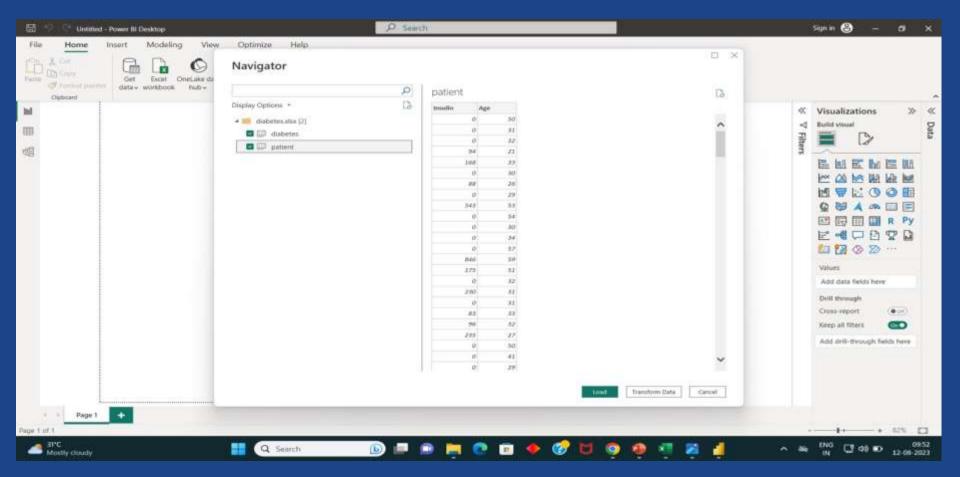


DOWNLOAD THE DATASET

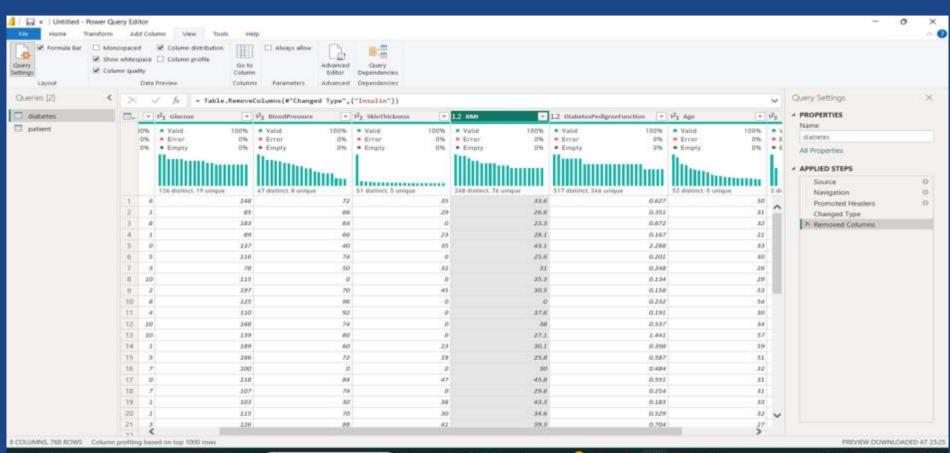
d	Α	В	C	D	E	F	G	H	10
1	Pregnancie	Glucose	BloodPres	SkinThickn	вмі	DiabetesPe	Age	Outcome	
2	6	148	72	35	33.6	0.627	50	1	
3	1	85	66	29	26.6	0.351	31	0	
4	8	183	64	0	23.3	0.672	32	1	
5	1	89	66	23	28.1	0.167	21	0	
6	0	137	40	35	43.1	2.288	33	1	
7	5	116	74	0	25.6	0.201	30	0	
8	3	78	50	32	31	0.248	26	1	
9	10	115	0	0	35.3	0.134	29	0	
10	2	197	70	45	30.5	0.158	53	1	
11	8	125	96	0	0	0.232	54	1	
12	4	110	92	0	37.6	0.191	30	0	
13	10	168	74	0	38	0.537	34	1	
14	10	139	80	0	27.1	1.441	57	O	
15	1	189	60	23	30.1	0.398	59	1	
16	5	166	72	19	25.8	0.587	51	1	
17	7	100	0	0	30	0.484	32	1	
18	0	118	84	47	45.8	0.551	31	1	
19	7	107	74	0	29.6	0.254	31	1	
20	1	103	30	38	43.3	0.183	33	0	
21	1	115	70	30	34.6	0.529	32	1	
22	3	126	88	41	39.3	0.704	27	0	
23	8	99	84	0	35.4	0.388	50	0	
24	7	196	90	0	39.8	0.451	41	1	
25	9	119	80	35	29	0.263	29	1	
26	11	143	94	33	36.6	0.254	51	1	
27	10	125	70	26	31.1	0.205	41	1	
28	7	147	76	o	39.4	0.257	43	1	
29	1	97	66	15	23.2	0.487	22	0	
0.5	(F	diabetes	patient	(1150911				

id	1		K
1	Insulin	Age	
2	0	50	
3	O	31	
4	0	32	
5	94	21	
6	168	33	
7	0	30	
8	88	26	
9	0	29	
10	543	53	
17	O	54	
12	0	30	
13	0	34	
14	О	57	
15	846	59	
16	175	51	
17	O	32	
18	230	31	
19	0	31	
20	83	33	
21	96	32	
22	235	27	
23	О	50	
24	О	41	
25	0	29	
26	146	51	
27	115	41	
28	0	43	
29	140	. 22	024
	H	diabetes	patient
Rea	dy Chaco	essibility: Good	to go

LOAD THE DATASET IN POWER BI



TRANSFORM DATA



Mostly doudy























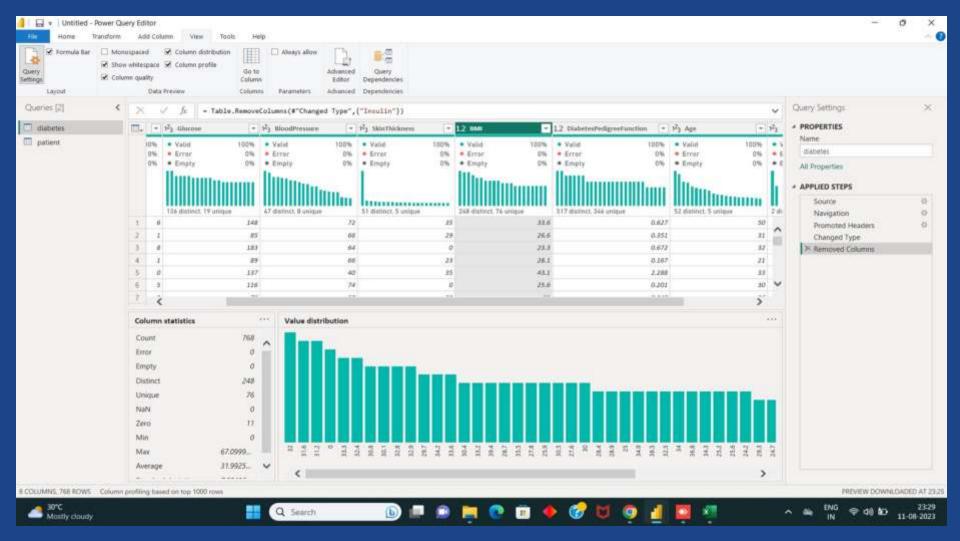




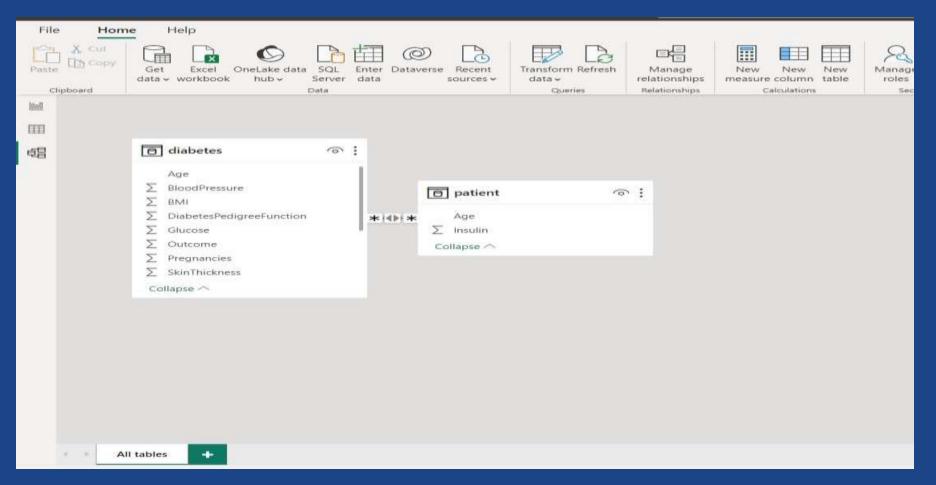








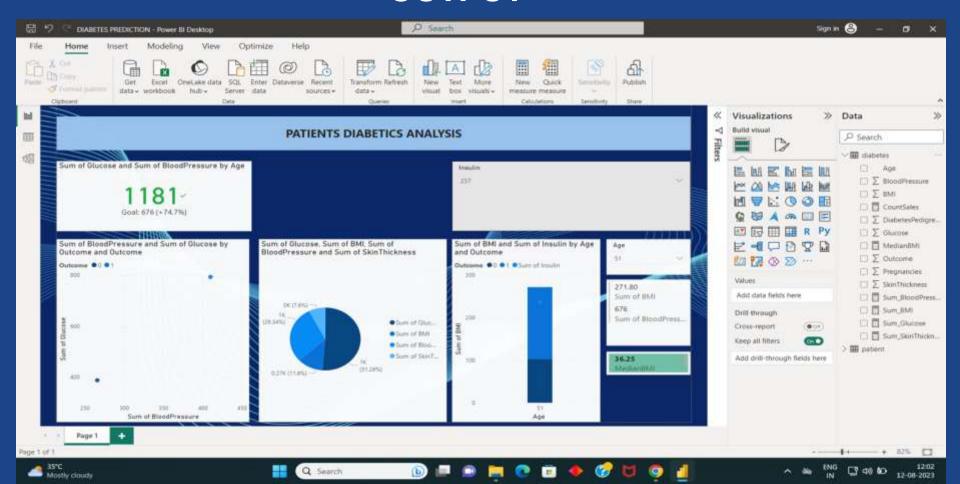
RELATIONSHIP BETWEEN TWO TABLE



DAX CALCULATIONS

- CountBloodPressure = COUNT('diabetes'[BloodPressure])
- MedianBMI = MEDIAN('diabetes'[BMI])
- Sum_BloodPressure = SUM(diabetes[BloodPressure])
- Sum_BMI = SUM('diabetes'[BMI])
- Sum_Glucose = SUM('diabetes'[Glucose])
- Sum_SkinThickness = SUM('diabetes'[SkinThickness])

OUTPUT



THANK YOU!

TEAM MEMBERS:

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