

Diabetes Analysis and Suggestions

Characteristics of Diabetics	Diabetes vs. Weight & Age	Blood Glucose and HbA1c Level	Heart Disease & Hypertension Increas..	Suggestions for Heart Disease, Hypertensio..	Suggestions for Diabetes Patients	How Smoking Affect Diabe..
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Characteristics of The Adult and Old Groups as High Prevalence of Diabetes

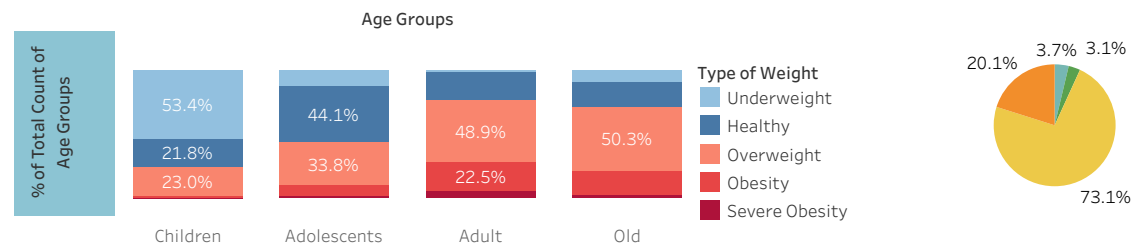
More than 99% of diabetes are adults and old



Adults and the old are more likely to have excessive weight problems

The proportion of excessive weight is significantly higher in the adult and old groups

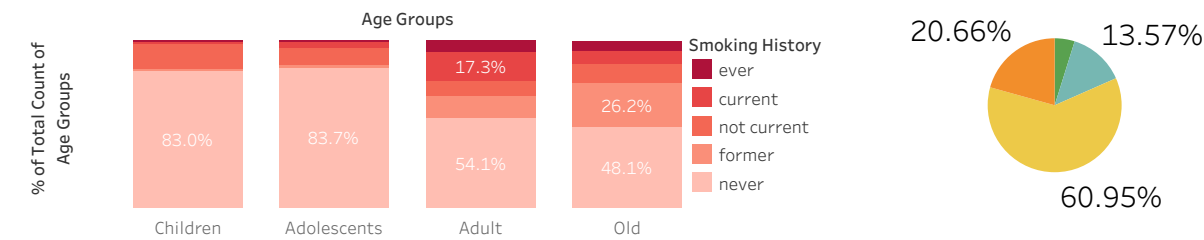
In the unhealthy weight pie chart, adults and old occupy more than 90%



Adults and old are more likely to have a history of smoking

The percentage of adults and old who never smoke is obviously lower than adolescents and children

Adults and old are more likely to have a history of smoking



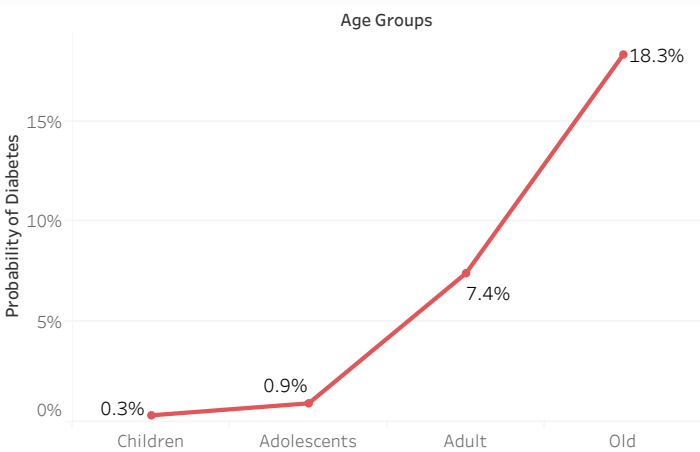
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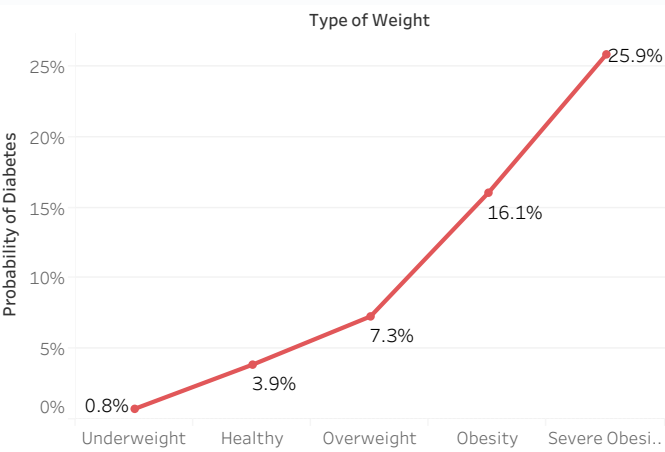
The Risk of Diabetes Increases as Age and BMI Increase

The old and severe obese people are the most likely to get diabetes, with a probability of 49%. Followed with the old and obese group.

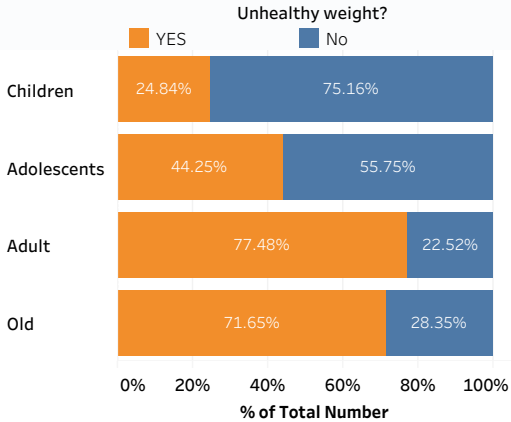
Probability of getting diabetes increases with age



Probability of getting diabetes increases with BMI



More than 70% of adults and the old are of an unhealthy weight



Older & severe obese people most likely to develop diabetes

Age Groups	Underweight	Healthy	Obesity	Overweight	Severe Obesity
Children	0%	0%	1%	0%	5%
Adolescents	1%	1%	1%	1%	0%
Adult	3%	3%	13%	5%	23%
Old	1%	12%	31%	17%	49%

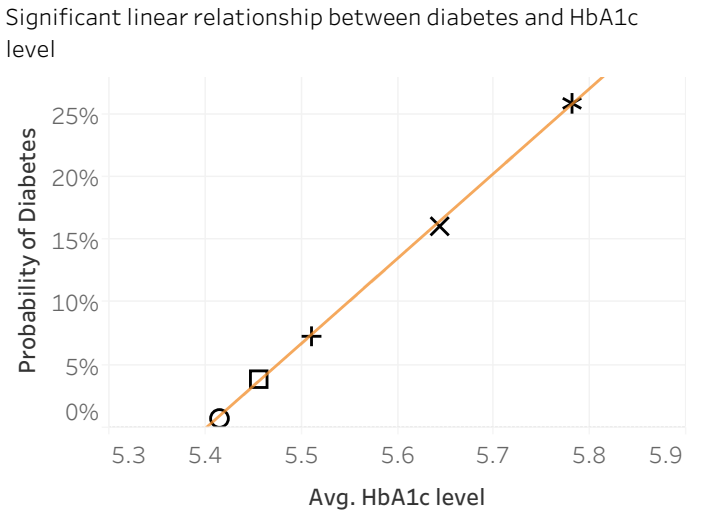
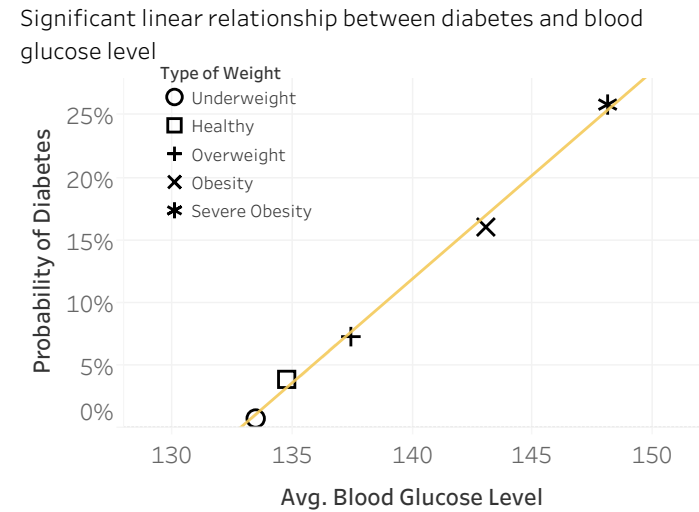
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Blood Glucose and HbA1c Level of Different Gender and Weight

Male and severe obese group should pay more attention to their blood glucose level and HbA1c level.
As the blood glucose level and HbA1c level increase, the probability of having diabetes increases. HbA1c is a more important indicator than blood glucose level.

Gender						Multiple values					
Male & severe obese group have the highest blood glucose level						Male & severe obese group have the highest HbA1c level					
Type of Weight						Type of Weight					
Gender	Underweight	Healthy	Overweight	Obesity	Severe Obesity	Gender	Underweight	Healthy	Overweight	Obesity	Severe Obesity
Female	133.79	134.07	136.83	142.30	146.54	Female	5.4	5.4	5.5	5.6	5.7
Male	133.12	136.12	138.17	144.08	151.84	Male	5.4	5.5	5.5	5.7	5.9

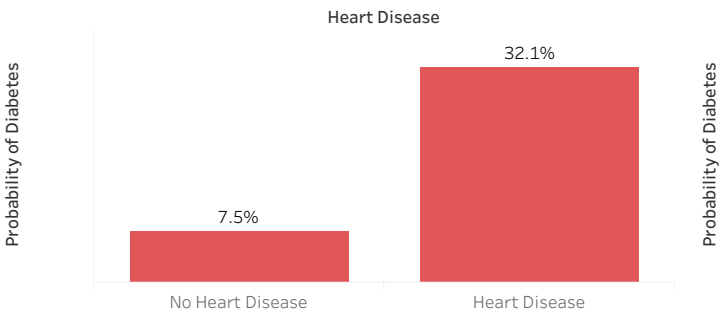


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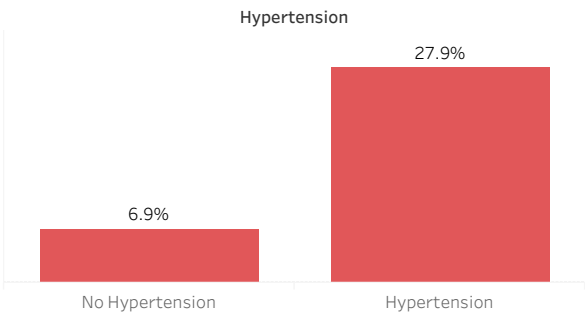
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Heart Disease & Hypertension Increase the Risk of Diabetes, Vice Versa

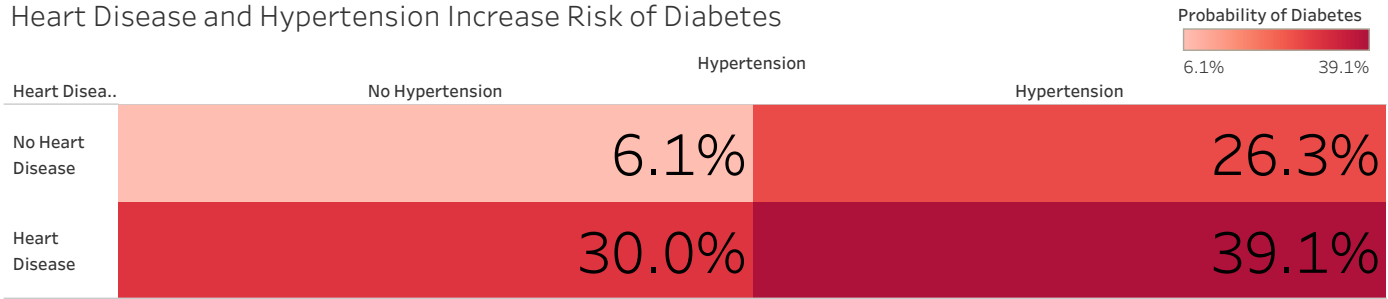
Heart Disease Increases Risk of Diabetes



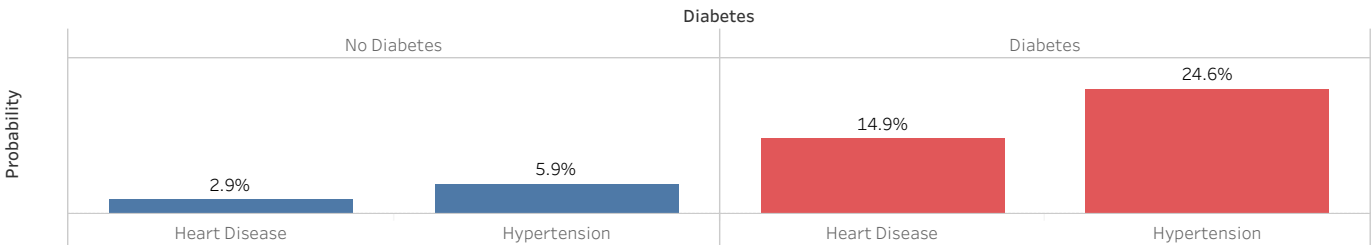
Hypertension Increases Risk of Diabetes



Heart Disease and Hypertension Increase Risk of Diabetes



Heart Disease & Hypertension are Complications of Diabetes



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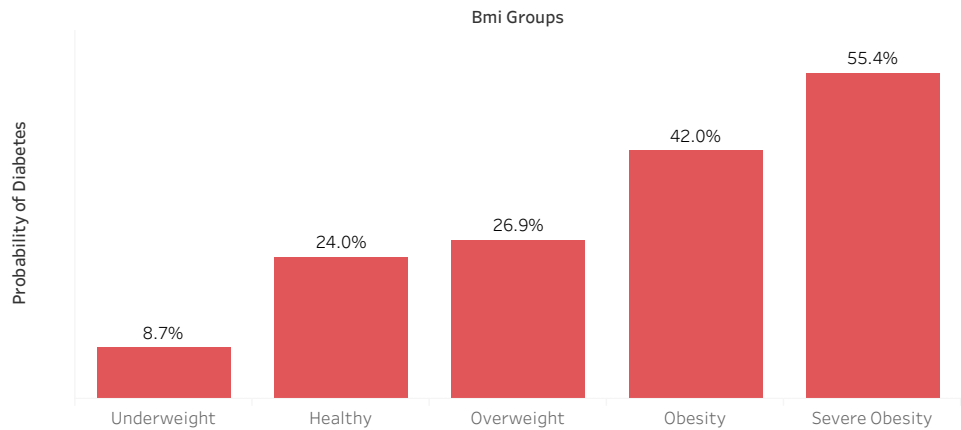
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Suggestions for Heart Disease, Hypertension Patients

Older Heart Disease Patients, Higher Risk of Diabetes

Age Groups	
Children	20.0%
Adult	31.1%
Old	32.8%

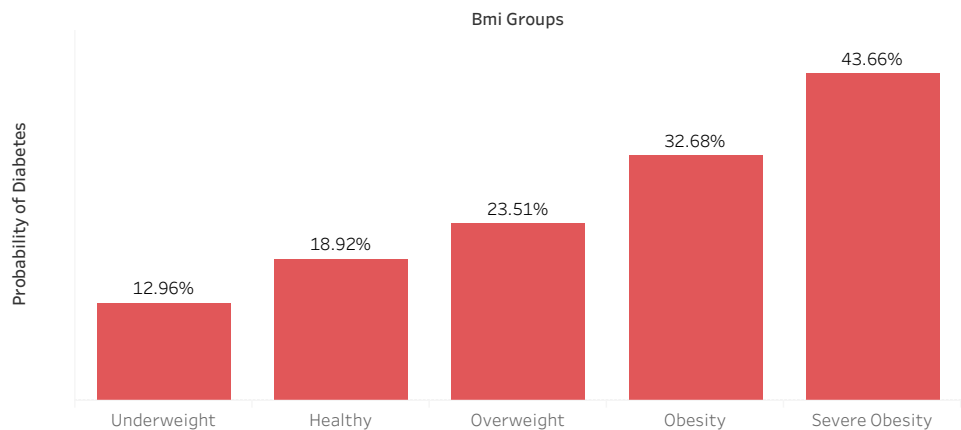
Higher BMI Heart Disease Patients, Higher Risk of Diabetes



Older Hypertension Patients, Higher Risk of Diabetes

Age Groups	
Children	0.0%
Adolesce..	0.0%
Adult	25.5%
Old	31.1%

Higher BMI Hypertension Patients, Higher Risk of Diabetes

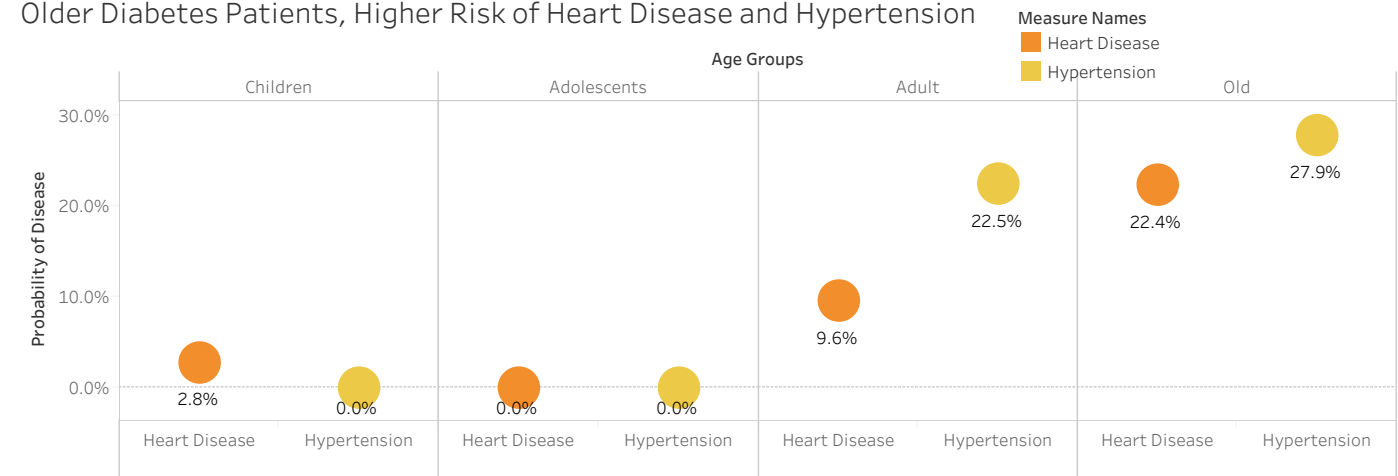


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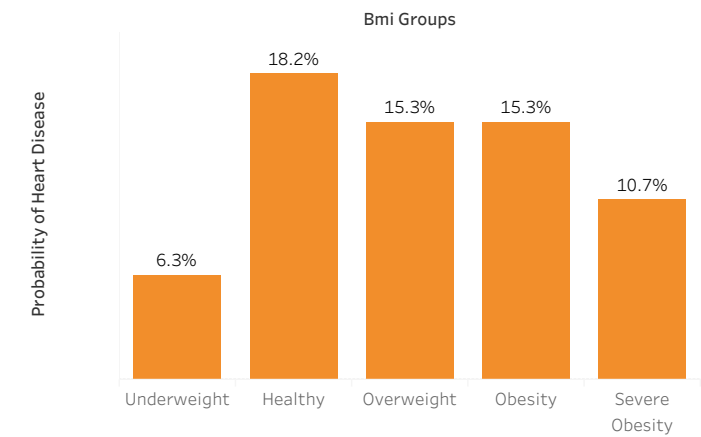
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Suggestions for Diabetes Patients

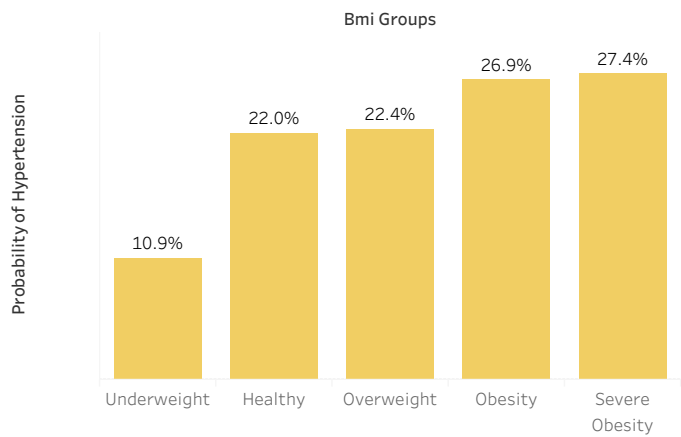
Older Diabetes Patients, Higher Risk of Heart Disease and Hypertension



Lower BMI Diabetes Patients, NOT Lower Risk of Heart Disease



Lower BMI Diabetes Patients, NOT Much Lower Risk of Hypertension



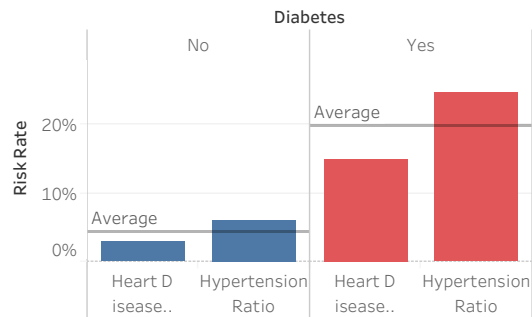
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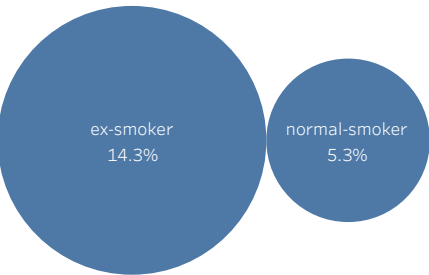
How Smoking Affect Diabetics

People with diabetes have higher Hypertension and Heart Disease risks. Diabetics who have smoking habit or history are more likely to have complications. Former smoker have higher risks of Hypertension and Heart Disease. Quitting smoking can instead lead to an increased risk of heart disease and hypertension.

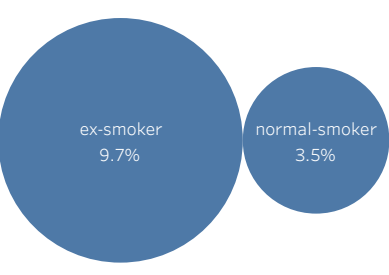
Diabetics Have High Hypertension & Heart Disease Rate



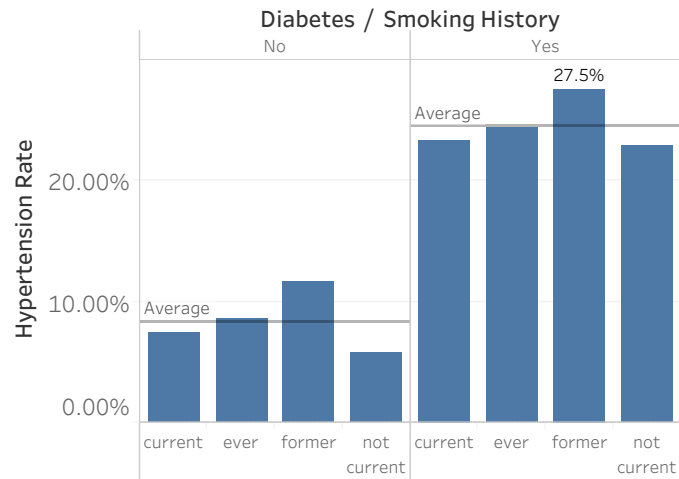
Quitting Smoking Increase Hypertension Risk



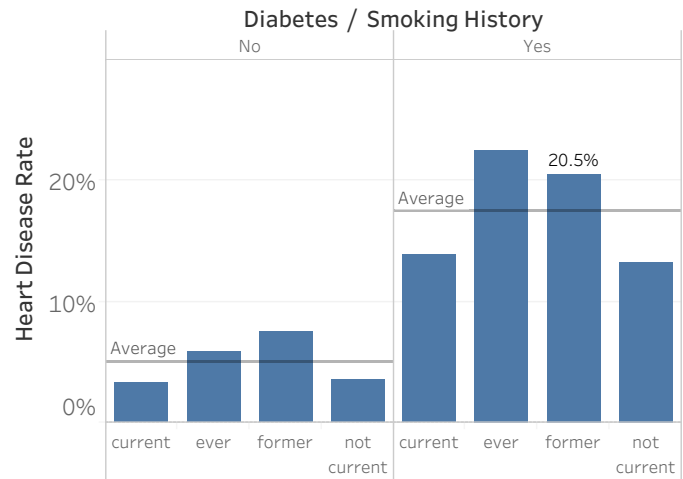
Quitting Smoking Increase HeartDisease Risk



Smoking Diabetics Have Higher Hypertension Risk



Smoking Diabetics Have Higher Heart Disease Risk



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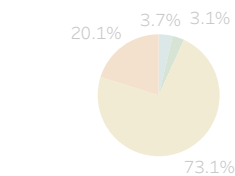
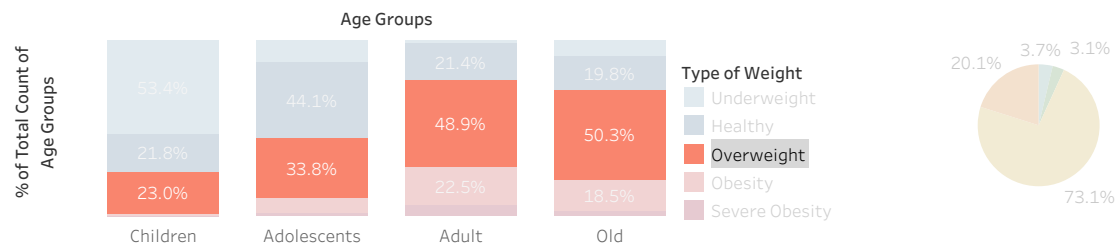
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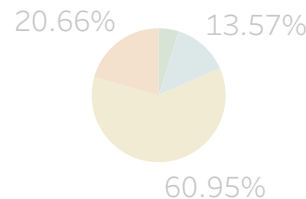
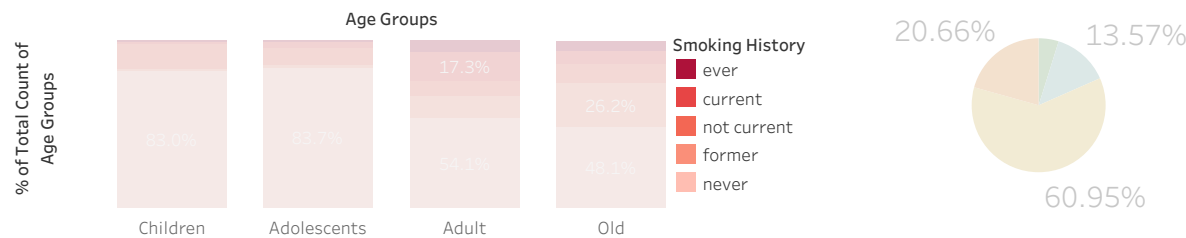
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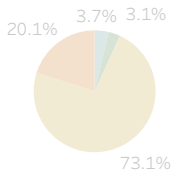
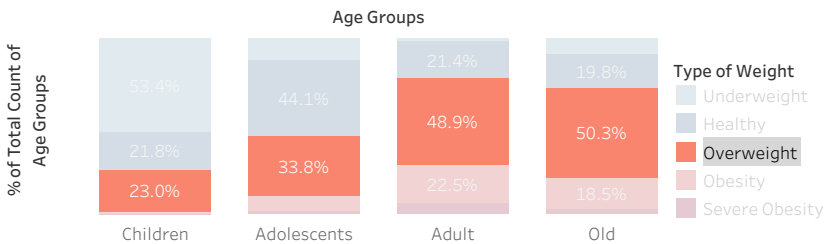
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