

■ StatGenie Data Analysis Report

Dataset Shape: 310 rows x 10 columns

■ Key Performance Indicators

- Total Rows: **310**
- Total Columns: **10**
- Missing %: **0.0**
- Average Age: **50.13225806451613**
- Best Age: **79.0**
- Worst Age: **18.0**
- Average Number of Relatives with Disease: **2.0129032258064514**
- Best Number of Relatives with Disease: **4.0**
- Worst Number of Relatives with Disease: **0.0**

■ Applied Filters

Gender: Male

Parental History: No

■ Numeric Summary

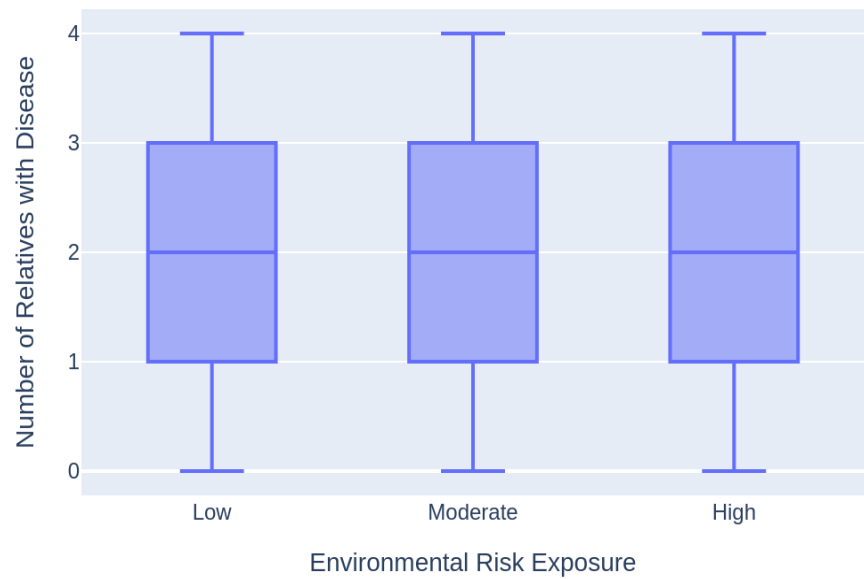
Column	Count	Mean	Std	Min	25%	50%	75%	Max
Age	310.0	50.13225806451613	17.85246779958247	18.0	36.25	50.0	66.0	79.0
Number of Relatives with Disease	310.0	2.0129032258064514	1.3267821099575758	0.0	1.0	2.0	3.0	4.0

■ Categorical Summary

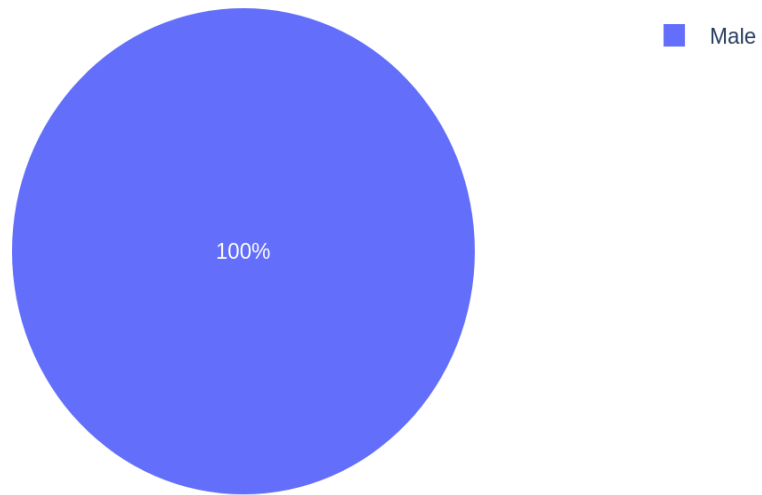
Column	Unique Count	Top 5 Values
Patient ID	310	PT0001(1), PT0660(1), PT0685(1), PT0683(1), PT0682(1)
Gender	1	Male(310)
Parental History	1	No(310)
Sibling History	2	No(262), Yes(48)
Known Genetic Mutation	2	No(288), Yes(22)
Early Onset Cases in Family	2	No(262), Yes(48)
Environmental Risk Exposure	3	Moderate(161), Low(90), High(59)
geneticTest	2	N(248), P(62)

■ Charts & Insights

Box chart with ['Environmental Risk Exposure', 'Number of Relatives with Disease'].



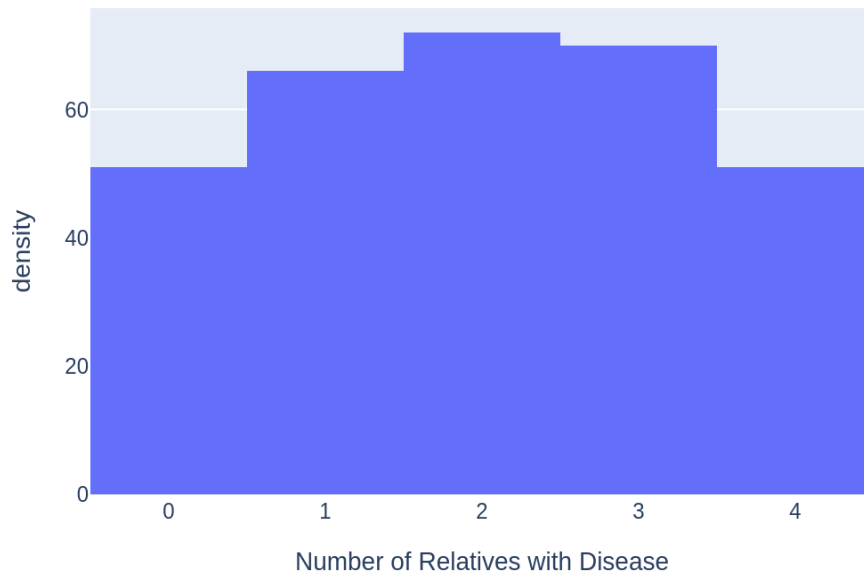
Gender groups range from 2.01 (Male) to 2.01 (Male).



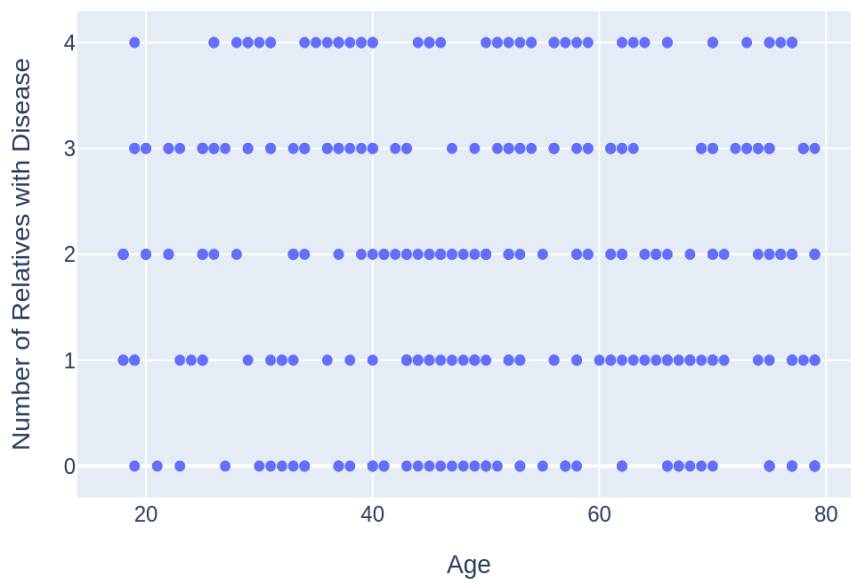
Parental History groups range from 50.13 (No) to 50.13 (No).



Density chart with ['Number of Relatives with Disease'].



Scatter chart with ['Age', 'Number of Relatives with Disease'].



■ Data Story

The dataset contains 310 rows and 10 columns. No missing values. In Age, avg=50.13, min=18.00, max=79.00. In Number of Relatives with Disease, avg=2.01, min=0.00, max=4.00. For Patient ID, most common='PT0001' (1) vs least='PT0001' (1). For Gender, most common='Male' (310) vs least='Male' (310). Overall, the dataset shows key trends and variability useful for decision-making.