

Step 1: Upload & Validate CSV

Upload CSV

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insurance.csv  
54.3KB

File validated  
successfully.



# StoryGraphs: AI-Powered Data Tales & Visual Journeys

Upload & Validate Automated EDA Generate Insights Visualizations Export Report



## Step 2: Automated EDA

### Data Preview (first 10 rows)

	age	sex	bmi	children	smoker	region	charges
0	19	female	27.9	0	yes	southwest	16884.924
1	18	male	33.77	1	no	southeast	1725.5523
2	28	male	33	3	no	southeast	4449.462
3	33	male	22.705	0	no	northwest	21984.4706
4	32	male	28.88	0	no	northwest	3866.8552
5	31	female	25.74	0	no	southeast	3756.6216
6	46	female	33.44	1	no	southeast	8240.5896
7	37	female	27.74	3	no	northwest	7281.5056
8	37	male	29.83	2	no	northeast	6406.4107
9	60	female	25.84	0	no	northwest	28923.1369

### Summary Statistics

	age	bmi	children	charges
count	1338	1338	1338	1338
mean	39.207	30.6634	1.0949	13270.4223
std	14.05	6.0982	1.2055	12110.0112
min	18	15.96	0	1121.8739
25%	27	26.2963	0	4740.2872
50%	39	30.4	1	9382.033
75%	51	34.6938	2	16639.9125
max	64	53.13	5	63770.428

### Missing Values

	missing_count	missing_pct
empty		

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Automated EDA



Generate Insights



## Step 3: Generate Basic Insights

1. Dataset shape: 1338 rows, 7 columns
2. Total missing values: 0 (0.00%)
3. Top variance columns: charges (146652372.15), age (197.40), bmi (37.19)

### Executive Summary Report

1. Dataset shape: 1338 rows, 7 columns
2. Total missing values: 0 (0.00%)
3. Top variance columns: charges (146652372.15), age (197.40), bmi (37.19)

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Automated EDA

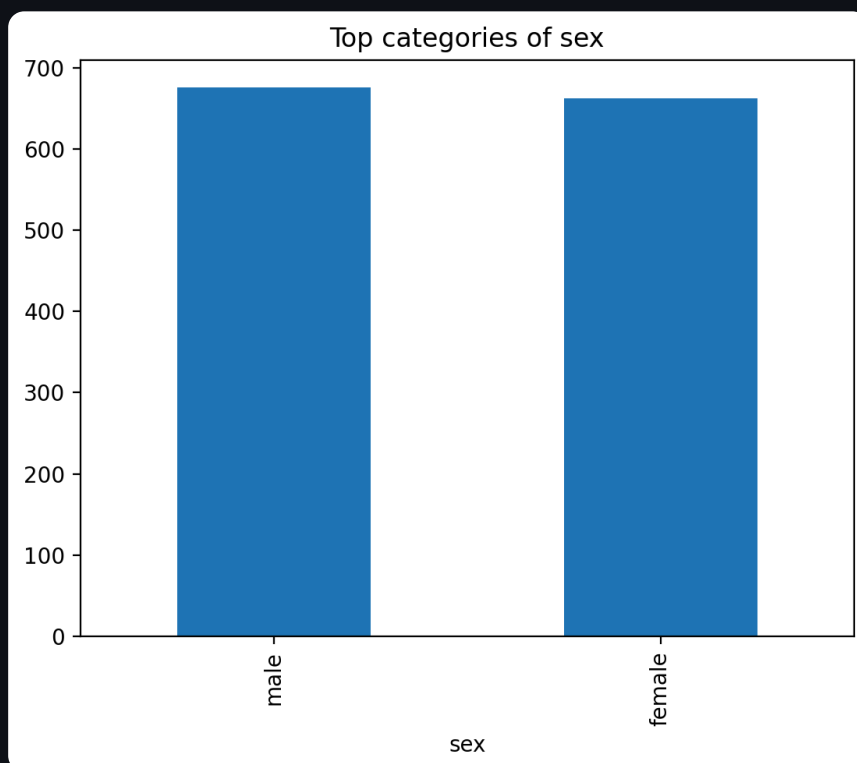


Generate Insights

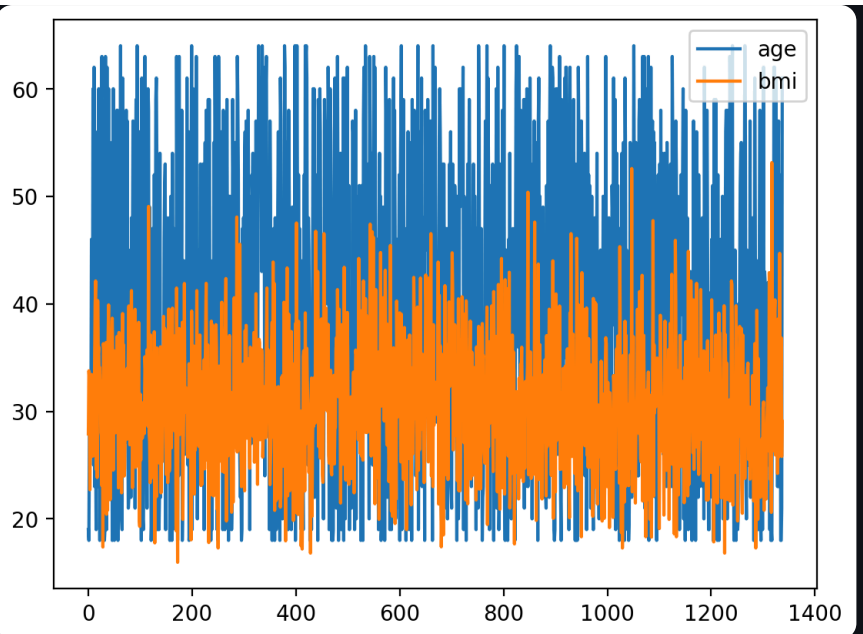


## Step 4: Visualizations

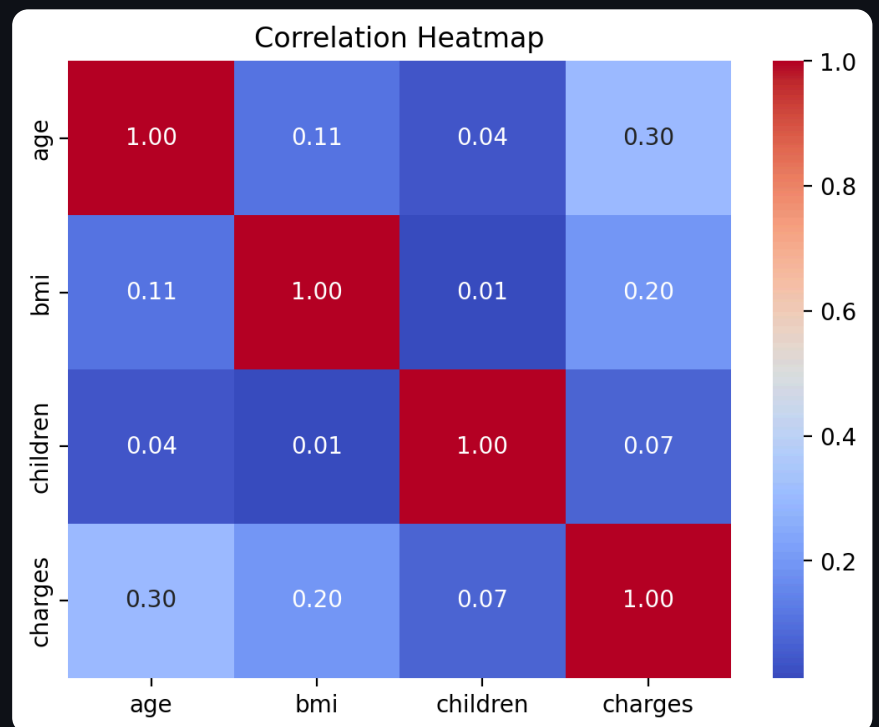
### Bar chart of top categories in sex



### Line chart: first two numeric columns over index



## Correlation heatmap



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# StoryGraphs: AI-Powered Data Tales & Visual Journeys



Upload & Validate



Automated EDA



Generate Insights



## Step 5: Download your Report

Report title

Executive Summary - 2025-09-14

click to download