

# ■ DETAILED ANALYTICS REPORT

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Dataset: uploadExcel.xlsx

## ■ EXECUTIVE SUMMARY

Metric	Value	Details
Total Records	21	Complete dataset with 21 data points
Total Variables	12	3 numeric, 9 categorical
Numeric Columns	3	Contact Number, sumInsured, premium
Categorical Columns	9	Customer Name, Email, DOB, Insurance Category, Policy Type...
Data Completeness	100.0%	0 missing values out of 252 total
Date Range	1970-01-01 to 1970-01-01	Based on datetime columns if available

## ■ DETAILED COLUMN ANALYSIS

Column Name	Data Type	Unique Values	Missing	Min	Max	Mean	Std Dev
Customer Name	Categorical	9	0.0%	N/A	N/A	N/A	N/A
Contact Number	Numeric	9	0.0%	9843139192.00	9990137035.00	9869509023.57	33600177.88
Email	Categorical	9	0.0%	N/A	N/A	N/A	N/A
DOB	Categorical	19	0.0%	N/A	N/A	N/A	N/A
Insurance Category	Categorical	2	0.0%	N/A	N/A	N/A	N/A
Policy Type	Categorical	13	0.0%	N/A	N/A	N/A	N/A
Company Name	Categorical	10	0.0%	N/A	N/A	N/A	N/A
Policy Number	Categorical	21	0.0%	N/A	N/A	N/A	N/A
sumInsured	Numeric	5	0.0%	100000.00	1000000.00	559857.14	353313.50
premium	Numeric	5	0.0%	2000.00	12000.00	6506.90	2795.62
Start Date	Categorical	20	0.0%	N/A	N/A	N/A	N/A
Due Date	Categorical	20	0.0%	N/A	N/A	N/A	N/A

■ STATISTICAL SUMMARY

Metric	Contact Number	sumInsured	premium
Count	21	21	21
25th Percentile	9845981807.00	200000.00	5000.00
Median (50th)	9854231940.00	500000.00	7645.00
75th Percentile	9890643671.00	1000000.00	8000.00
Mean	9869509023.57	559857.14	6506.90
Std Deviation	33600177.88	353313.50	2795.62
Variance	1128971953496318.00	124830428571.43	7815501.19
Skewness	2.48	0.14	0.15
Kurtosis	7.92	-1.45	-0.04

# ■ CATEGORICAL DISTRIBUTION ANALYSIS

## Customer Name

Category	Count	Percentage	Cumulative %
Sneha Patel	4	19.0%	19.0%
Arjun Yadav	4	19.0%	38.1%
Ramesh Patel	2	9.5%	47.6%
Sneha Yadav	2	9.5%	57.1%
Sneha Thakur	2	9.5%	66.7%
Sneha Verma	2	9.5%	76.2%
Kavita Mehta	2	9.5%	85.7%
Ramesh Thakur	2	9.5%	95.2%
Rishabh Garg	1	4.8%	100.0%

## Email

Category	Count	Percentage	Cumulative %
sneha.patel@example.com	4	19.0%	19.0%
arjun.yadav@example.com	4	19.0%	38.1%
ramesh.patel@example.com	2	9.5%	47.6%
sneha.yadav@example.com	2	9.5%	57.1%
sneha.thakur@example.com	2	9.5%	66.7%
sneha.verma@example.com	2	9.5%	76.2%
kavita.mehta@example.com	2	9.5%	85.7%
ramesh.thakur@example.com	2	9.5%	95.2%
rishgrg5@gmail.com	1	4.8%	100.0%

## DOB

Category	Count	Percentage	Cumulative %
2024-02-07	2	9.5%	9.5%
2024-07-10	2	9.5%	19.0%
2024-06-01	1	4.8%	23.8%
2024-01-03	1	4.8%	28.6%
2024-03-02	1	4.8%	33.3%
2024-09-25	1	4.8%	38.1%
2024-11-05	1	4.8%	42.9%
2024-07-12	1	4.8%	47.6%
2024-01-01	1	4.8%	52.4%
2024-11-14	1	4.8%	57.1%
2024-03-26	1	4.8%	61.9%
2024-10-26	1	4.8%	66.7%
2024-11-25	1	4.8%	71.4%
2024-11-18	1	4.8%	76.2%
2024-04-25	1	4.8%	81.0%

**■ CORRELATION ANALYSIS**

	Contact Number	sumInsured	premium
Contact Number	1.000	0.006	0.187
sumInsured	0.006	1.000	0.096
premium	0.187	0.096	1.000

**Strong Correlations ( $|r| > 0.7$ ):**  
No strong correlations found.

## ■ DATA SAMPLE (First 20 Rows)

Customer Name	Contact Number	Email	DOB	Insurance Category	Policy Type	Company Name	Policy Number	sumInsured	premium
Ramesh Patel	9843139192	ramesh.patel@example	2024-06-01	Life Insurance	Endowment Plan	SBI Life	POL753981	100000	2000
Ramesh Patel	9843139192	ramesh.patel@example	2024-02-07	General Insurance	Home Insurance	Tata AIG	POL475913	1000000	8000
Sneha Thakur	9853091474	sneha.thakur@example	2024-01-03	General Insurance	Motor Insurance	HDFC ERGO	POL583013	1000000	5000
Sneha Thakur	9853091474	sneha.thakur@example	2024-03-02	General Insurance	Fire Insurance	Bajaj Allianz Genera	POL954668	500000	12000
Sneha Patel	9891709141	sneha.patel@example.	2024-11-05	Life Insurance	Pension/Retirement P	Max Life	POL982852	1000000	5000
Sneha Patel	9891709141	sneha.patel@example.	2024-09-25	Life Insurance	Unit Linked Insuranc	HDFC Life	POL920741	200000	5000
Sneha Patel	9891709141	sneha.patel@example.	2024-07-12	General Insurance	Travel Insurance	New India Assurance	POL747291	500000	8000
Sneha Patel	9891709141	sneha.patel@example.	2024-07-10	General Insurance	Fire Insurance	Tata AIG	POL380920	500000	12000
Sneha Yadav	9845620531	sneha.yadav@example.	2024-01-01	General Insurance	Commercial Insurance	ICICI Lombard	POL805534	500000	5000
Sneha Yadav	9845620531	sneha.yadav@example.	2024-11-14	General Insurance	Fire Insurance	New India Assurance	POL829597	1000000	8000
Sneha Verma	9864417393	sneha.verma@example.	2024-03-26	General Insurance	Marine Insurance	Tata AIG	POL694058	100000	8000
Sneha Verma	9864417393	sneha.verma@example.	2024-10-26	General Insurance	Personal Accident In	ICICI Lombard	POL730273	1000000	2000
Arjun Yadav	9854231940	arjun.yadav@example.	2024-11-25	Life Insurance	Whole Life Insurance	SBI Life	POL665903	500000	8000
Arjun Yadav	9854231940	arjun.yadav@example.	2024-11-18	General Insurance	Health Insurance	Tata AIG	POL232707	1000000	8000
Arjun Yadav	9854231940	arjun.yadav@example.	2024-04-25	General Insurance	Fire Insurance	Bajaj Allianz Genera	POL911327	100000	5000
Arjun Yadav	9854231940	arjun.yadav@example.	2024-03-04	Life Insurance	Term Life Insurance	LIC	POL439902	500000	8000
Kavita Mehta	9845981807	kavita.mehta@example	2024-08-25	General Insurance	Marine Insurance	ICICI Lombard	POL513091	200000	2000
Kavita Mehta	9845981807	kavita.mehta@example	2024-02-07	General Insurance	Marine Insurance	ICICI Lombard	POL164693	100000	5000
Ramesh Thakur	9890643671	ramesh.thakur@exampl	2024-08-26	General Insurance	Marine Insurance	ICICI Lombard	POL542295	1000000	5000
Ramesh Thakur	9890643671	ramesh.thakur@exampl	2024-07-10	Life Insurance	Endowment Plan	Max Life	POL132817	500000	8000