■ Smart Analytics Report

AI-Powered Data Analysis with Predictions & Insights

Generated: January 28, 2026 at 04:13 PM
Dataset: 227 rows × 8 columns

■ Executive Summary

This report provides comprehensive analysis of your dataset containing 227 records across 8 variables. Our AI-powered analysis has identified 5 significant trends, 19 key insights, and generated 2 predictions about future patterns. Based on this analysis, we provide 3 actionable recommendations to optimize your outcomes.

■ Trend Analysis

Metric	Trend Direction	Strength	Current Average	Growth Rate
People Death Count	Increasing	Weak	27455.49	462.85/period
People Death New Count	Increasing	Weak	11.04	0.26/period
People Positive Cases Count	Increasing	Weak	2259907.01	40756.23/period
People Positive New Cases Count	Increasing	Moderate	2782.71	68.19/period
Selected Metric	Increasing	Moderate	2782.71	68.19/period

■ Predictions & Forecasts

Metric	Current Value	Predicted Value	Expected Change	Confidence
People Positive New Cases Count	2782.71	3464.60	■ 24.5%	Moderate
Selected Metric	2782.71	3464.60	■ 24.5%	Moderate

Interpretation: These predictions are based on historical trends. Strong confidence indicates reliable patterns, while moderate confidence suggests higher variability.

■ Key Insights

■ Insight 1: Found 29 outlier(s) in People Death Count
Range: 35542.00 to 991921.00

■ Insight 2: Found 36 outlier(s) in People Death New Count
Range: 6.00 to 419.00

■ Insight 3: Detected cyclical pattern in People Death New Count
7-day autocorrelation: 0.76

■ Insight 4: Found 38 outlier(s) in People Positive Cases Count
Range: 2892989.00 to 81237970.00

■ Insight 5: Found 42 outlier(s) in People Positive New Cases Count
Range: 856.00 to 87298.00

■ Insight 6: Detected cyclical pattern in People Positive New Cases Count
7-day autocorrelation: 0.99

■ Insight 7: Found 42 outlier(s) in Selected Metric
Range: 856.00 to 87298.00

■ Insight 8: Detected cyclical pattern in Selected Metric
7-day autocorrelation: 0.99

■ Insight 9: People Death Count and People Death New Count are positively correlated
Correlation coefficient: 0.75

■ Insight 10: People Death Count and People Positive Cases Count are positively correlated
Correlation coefficient: 0.91

■ Insight 11: People Death New Count and People Positive Cases Count are positively correlated
Correlation coefficient: 0.83

■ Insight 12: People Death New Count and People Positive New Cases Count are positively correlated
Correlation coefficient: 0.77

■ Insight 13: People Death New Count and Selected Metric are positively correlated
Correlation coefficient: 0.77

■ Insight 14: People Positive New Cases Count and Selected Metric are positively correlated
Correlation coefficient: 1.00

■ **Insight 15: People Death Count shows right-skewed distribution**
 Skewness: 6.87

■ **Insight 16: People Death New Count shows right-skewed distribution**
 Skewness: 6.06

■ **Insight 17: People Positive Cases Count shows right-skewed distribution**
 Skewness: 7.08

■ **Insight 18: People Positive New Cases Count shows right-skewed distribution**
 Skewness: 5.52

■ **Insight 19: Selected Metric shows right-skewed distribution**
 Skewness: 5.52

■ Actionable Recommendations

Priority	Category	Recommendation	Action Steps
Medium	Forecast	Prepare for significant change in People Positive New Cases Count	Expected 24.5% increase. Plan accordingly.
Medium	Forecast	Prepare for significant change in Selected Metric	Expected 24.5% increase. Plan accordingly.
Medium	Data Quality	Improve data collection for columns with high missing values	Columns Report Date have >10% missing data. Improve data collection processes.

■ Data Overview

Metric	Value
Total Records	227
Total Variables	8
Numeric Variables	5
Date/Time Variables	0
Text Variables	3
Missing Values	226
Completeness	87.6%