## Advanced Analysis: quantity High Value Sales (>\$1000) -- normal (AIC: 11742.49) lognormal (AIC: 11573.30) exponential (AIC: 12468.75) 1.0 gamma (AIC: 11562.66) — weibull (AIC: 11517.79) 8.0 Density 9.0 0.4 0.2 0.0 2 4 6 8 10 Value Normality Tests: Shapiro: p=0.000, normal=False Anderson: p=5.000, normal=True Ks: p=0.000, normal=False Jarque\_Bera: p=0.000, normal=False **Distribution Comparison:** Advanced Statistics: Count: 2,959 Mean: 4.02 Median: 4.00 Std Dev: 1.76 Skewness: 0.553 Kurtosis: 0.299 weibull: AIC=11517.79 gamma: AIC=11562.66 lognormal: AIC=11573.30 normal: AIC=11742.49 exponential: AIC=12468.75 Outliers: 48 (1.6%) Q-Q Plot (Normal) **Box Plot Cumulative Distribution** 1.0 10.0 Cumulative Probability 7.0 8.0 8.0 8.0 8.0 Ordered Values 7.5 5.0 2.5 0.0 0.0 **-**2.5 2 8 0 2 6 8 6 10 -3 -2 2 3 10 Theoretical quantiles Value Value Histogram (20 bins) Histogram (100 bins) Histogram (auto bins) 0.8 2.0 0.4 0.6 1.5 0.3 0.4 0.2 1.0 0.2 0.5 0.0 0.0 0.0 10 10 10 6 2 6 2 6

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