--1.Calculate Total Sales Over Time:

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2.Monthly Average Sales:

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3. Sales by Product Category Over Time:A screenshot of a computer

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4. Calculate Quarterly Sales Growth:A screenshot of a computer

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5. Top N Products by SalesA screenshot of a computer

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6. Calculate Monthly Sales Growth:A screenshot of a computer

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7. Identify Seasonal Patterns using Moving Averages:A screenshot of a computer

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8. Calculate Cumulative Sales Over Time:A screenshot of a computer

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9. Identify Days with Abnormally High/Low Sales:A screenshot of a computer

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10. Calculate Weekly Sales Trends:

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11. Exponential Moving Average (EMA) for Smoothing:

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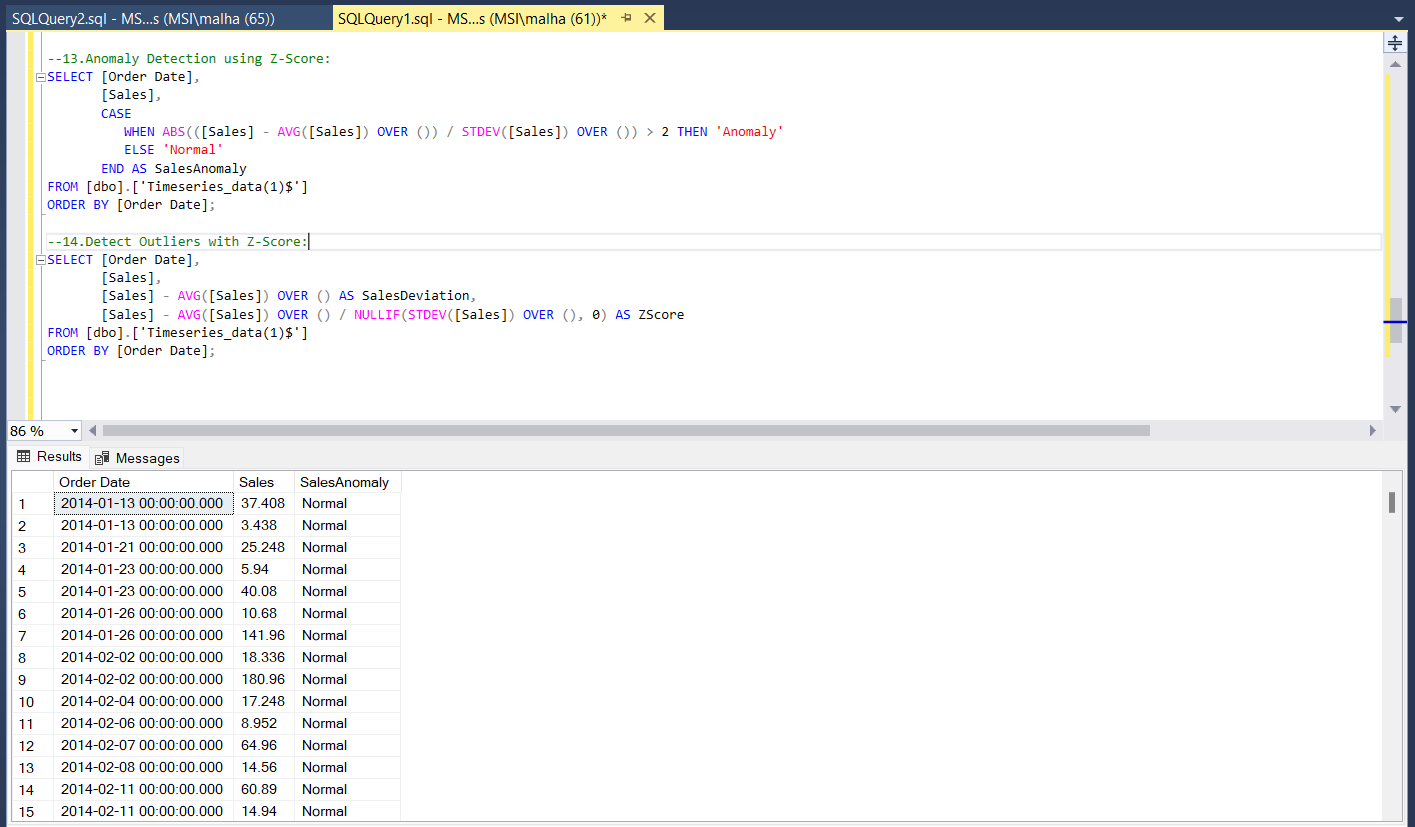
Description automatically generated

12. Identify Peaks and Valleys in Sales:

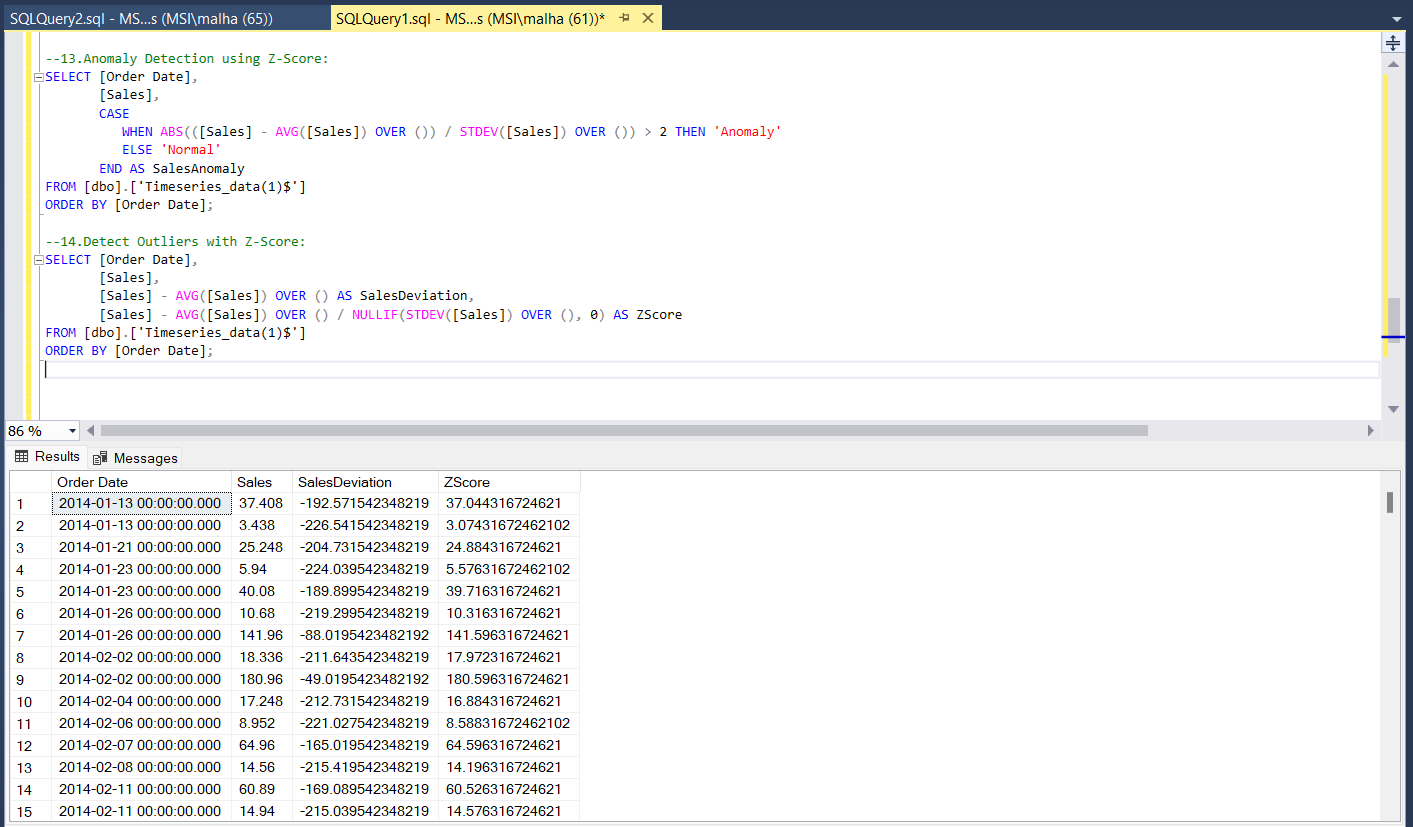
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13. Anomaly Detection using Z-Score:



14. Detect Outliers with Z-Score:



15. peak or valleyA screenshot of a computer

Description automatically generated

16. Calculate Seasonal Index:

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