

Examples for different cases in time series data and their seasons:

1. Stock Prices:
Seasons: Daily or weekly market cycles.
Example: Analyzing the stock prices of a tech company over a year to identify patterns related to quarterly earnings reports.
2. Energy Consumption:
Seasons: Monthly or yearly patterns.
Example: Studying electricity usage in a city to identify peak consumption times during hot summer months.
3. Retail Sales:
Seasons: Monthly or quarterly sales trends.
Example: Examining the sales of a clothing store to identify spikes in purchases during holiday seasons.
4. Weather Data:
Seasons: Monthly or seasonal variations.
Example: Analyzing temperature data over several years to identify climate patterns and trends.
5. Website Traffic:
Seasons: Daily or weekly traffic cycles.
Example: Studying the web traffic of an online news site to identify patterns related to news cycles or events.