

Supply Chain Planning Assessment

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For each one of the four products, what patterns do you see and what does it mean for the forecast?

Product A:

- Noisy Data
- No Similarity with previous data
- No Regularity

Product B:

- Less noise in data
- Almost the same quantity from beginning to end
- Not that much change in demand

Product C:

- No Noise in data
- Follow the previous trend
- Not too much change in demand

Product D:

- The periodic similarity in demand is found
- Follow a specific noise in the data

Which forecasting methods did you try for each product? Why did you choose those forecasting methods?

Product A: Exponential Smoothing

- Noisy Data
- No Similarity with previous data
- No Regularity

Product B: Cumulative Mean

- Less noise in data
- Almost the same quantity from beginning to end
- Not that much change in demand

Product C: Naive Mean

- No Noise in data
- Follow the previous trend
- Not too much change in demand

Product D: Moving Average

- The periodic similarity in demand is found
- Follow a specific noise in the data

Now that you have forecasts for these products, what next? Please outline the next steps in how you would use the forecast to create a Supply Chain Plan.

- Supply Plan
- Manufacturing Plan
- Sales Plan
- Distribution Plan