



Forecasting & Analytics

Chapter: Tableau • Level ★★★ • Time: 30 min

SCORE

___ / 20

Name _____ Class _____ Date _____

AFTER THIS WORKSHEET YOU CAN

✓ Trend lines ✓ Built-in forecasting ✓ Clustering ✓ Confidence intervals



Section A • Concept Check

• BEGINNER

4 × 1 = 4

- 1 The Analytics pane adds:
☐ A. trend/forecast/cluster objects ☐ B. emojis
☐ C. logins ☐ D. pages
- 2 Tableau forecasting uses:
☐ A. exponential smoothing ☐ B. random guesses
☐ C. GPT ☐ D. copy of last year
- 3 Forecast shading shows:
☐ A. confidence intervals ☐ B. errors only
☐ C. colors ☐ D. legends
- 4 Auto-grouping similar marks is:
☐ A. clustering ☐ B. sorting ☐ C. binning only
☐ D. joining



Section B • Problem Solving

• INTERMEDIATE

2 + 3 × 3 = 11

- 5 A _____ line fits the overall direction of points.
- 6 Forecasts need a _____ field (time).
- 7 Add a 12-month forecast to monthly sales.

- 8 What makes a forecast unreliable?

- 9 Interpret a wide confidence band.



Section C • Challenge

• CHALLENGE

5

- 10 Use clustering on customers – inputs?

Reflection — the most useful thing I learned: _____

A ___/4 B ___/11 C ___/5 Total ___/20

Teacher's Signature _____

Parent's Signature _____

ANSWER KEY — FOLD OR CUT BEFORE HANDING OUT

1-A 2-A 3-A 4-A | 5 trend 6 date 7 = Analytics pane - drag Forecast onto the line chart
 8 = Short history, irregular data, structure changes 9 = High uncertainty in the forecast | 10 =
 Numeric behaviour measures (spend, frequency, recency)