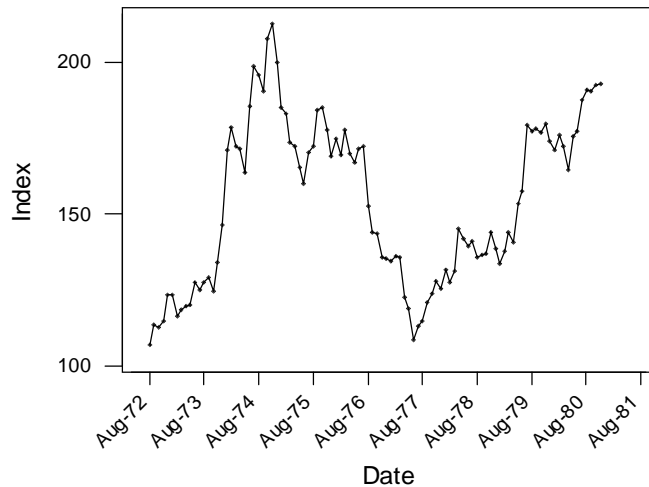


## Quiz 1 Jan. 24, 2001, *Statistics for Business*

1. A sequence plot of a monthly flour price index for Buffalo, NY, is shown at the right for several years. Which of the following statements best describes the sequence?

- A) random
- B) meandering
- C) trend
- D) seasonal

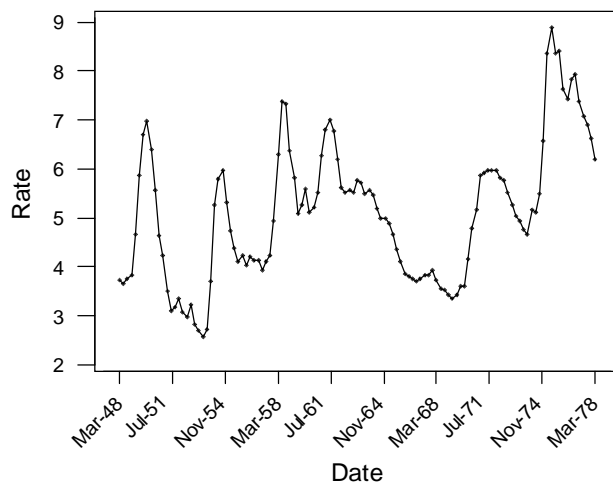


2. The collection of heights of a group of students would be best described as:

- A) longitudinal data on a categorical variable.
- B) cross-sectional data on a categorical variable.
- C) longitudinal data on a continuous variable.
- D) cross-sectional data on a continuous variable.
- E) data with both longitudinal and cross-sectional aspects.

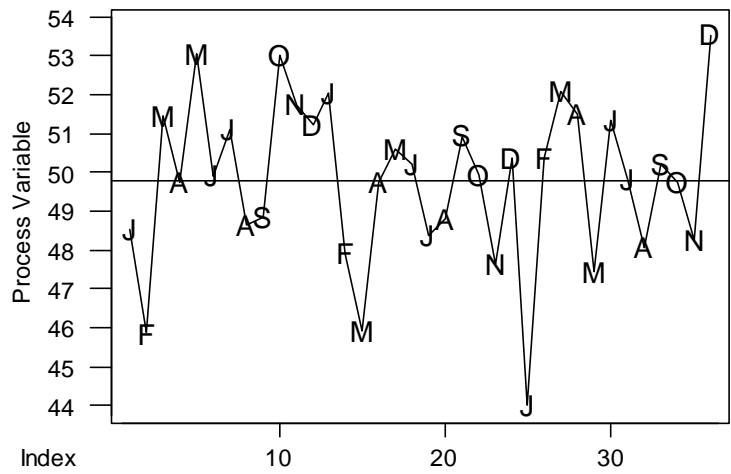
3. A sequence plot of quarterly (4 values per year) U.S. unemployment rates is shown at the right for several years. Which of the following statements best describes the sequence?

- A) random
- B) meandering
- C) trend
- D) seasonal



4. A sequence plot of monthly values is shown at the right for several years. Which of the following statements best describes the sequence?

- A) random
- B) meandering
- C) trend
- D) seasonal



Answers: 1. B, 2. D, 3. B, 4. A