Assignment: Data Types and Data Representation

Sergei Rogov

Activity 1

1. Time in terms of AM or PM.

Discrete, qualitative, ordinal

(b) Brightness as measured by a light meter.

Continuous, quantitative, ratio

(c) Brightness as measured by people’s judgments.

Discrete, qualitative, ordinal

(d) Angles as measured in degrees between 0 and 360.

Discrete, quantitative, interval

(e) Bronze, Silver, and Gold medals as awarded at the Olympics.

Discrete, qualitative, ordinal  
  
(f) Height above sea level.

Continuous, quantitative, ratio  
  
(g) Number of patients in a hospital.

Discrete, quantitative, ratio

(h) ISBN numbers for books.

Discrete, quantitative, ratio

(i) Ability to pass light in terms of the following values: opaque, translucent, transparent.

Discrete, qualitative, ordinal (nominal)  
  
(j) Military rank.

Discrete, qualitative, ordinal

(k) Distance from the center of campus.

Continuous, quantitative, ratio

Activity 2

1. It’s sparse