

Martin Russell

## Unit2\_1\_3

1. What is the 1994 rate of juvenile delinquency in the U.S.?
  - a. Not really an analytical question
  - b. A better question would be: has the rate of juvenile delinquency increased since 1994?
2. What can we do to reduce juvenile delinquency in the U.S.?
  - a. This could stand alone, but could be more specific
  - b. Something like: what can we do to reduce the rate of juvenile delinquency among urban youth in the United States?
3. Does education play a role in reducing juvenile delinquents' return to crime?
  - a. A good research question but poorly worded
  - b. A better way: does education reduce the rate of recidivism amongst juvenile delinquents?
4. How many customers does AT&T currently serve in Washington, DC?
  - a. Not really a research question
  - b. A better question: what percentage of cell phone users are served by AT&T in the Washington, DC area?
5. What factors lead consumers to choose AT&T over other service providers?
  - a. This question could stand on its own, but AT&T has many parts to its business model, could be more specific.
  - b. A better question would be: what factors influence consumers to subscribe to AT&T's cellular phone service?
6. How can AT&T attract more customers?
  - a. Too general, not specific enough
  - b. More specific: would lower prices attract more customers to AT&T's cable TV service?
7. Why did the Challenger Shuttle explode?
  - a. Too general, needs to focus on one aspect of the shuttle launch.
  - b. A better question: did the weather play a role in the explosion of the Challenger space shuttle?
8. Which genes are associated with increased risk of breast cancer?
  - a. I think this question would be okay, as long as there aren't too many genes to be discussed.

9. Is it better to read to children at night or in the morning?

- a. Needs to be reworded and choose one time period to study, and specify what you mean by “better”.
- b. A better question would be: does reading to children between 6:00AM and 9:00AM increase their IQ?

10. How does Google’s search algorithm work?

- a. How does the algorithm work on what specifically?
- b. A better question would be: how does Google’s search algorithm retrieve the location of specific photos?