## Unit 2 Lesson 1 Project 3

## **Supervised Learning**

1. What is the 1994 rate of juvenile delinquency in the U.S.?

Bad, just one observation and not a research question

2. What can we do to reduce juvenile delinquency in the U.S.?

Bad, what known factors reduce juvenile delinquency so not supervised learning

3. Does education play a role in reducing juvenile delinquents' return to crime?

Good

- 4. How many customers does AT&T currently serve in Washington, DC?

  Bad, not a research question, but a fact reported by the company
- 5. What factors lead consumers to choose AT&T over other service providers?

Good

6. How can AT&T attract more customers?

Bad, what the factors to attract more customers

7. Why did the Challenger Shuttle explode?

Bad, not a research question, but more of an engineering risk issue about a single event

8. Which genes are associated with increased risk of breast cancer?

Good

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

10. How does Google's search algorithm work?

Bad, not a research question, but a intellectual property right