# Opening Questions

Referenced from lesson [Introduction to Computational Data Science](https://www.bootstrapworld.org/materials/spring2021/en-us/courses/data-science/lessons/ds-intro/index.shtml)

## **Sports**

* Who is the best quarterback of all time?
* Are baseball pitchers throwing harder than ever?
* How much more do male soccer players earn than females?
* How common is it for former Olympic athletes to become coaches?
* How much does an extra inch of height help a basketball player?

## **Pop Culture**

* What percentage of people have seen the movie that won last year’s Best Picture Award?
* Who tends to be more popular: bands or solo singers?
* Are younger actors paid more than older actors?
* Are movies with female leads as profitable as movies with male leads?
* Does winning a Grammy increase sales?

## **Politics**

* Is “Stop and Frisk” a racist policy?
* Do Republican politicians tend to come from different states than Democratic ones?
* Do people in countries with universal healthcare live longer than people in countries that don’t?
* Was press coverage slanted for or against a particular candidate?

## **Education**

* Do small schools perform better than large ones?
* Which has a stronger correlation with student achievement: race or wealth?
* Do bilingual classes result in better outcomes for ESL/ELL students?

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