



CAREER PROFILE

CAREER OUTLOOK ²

The need for statisticians of all kids is expected to grow much faster than average.

Projected job growth:
33% (2020–2030)

Average salary:
\$95,570/year

Sports Data Scientist

Data scientists wear many hats. They are data engineers, analysts, and scientists. **Sports data scientists** build models using copious amounts of data that can make predictions for the sports industry. This could aid in sports recruiting, athlete health, predicting wins, or even judge levels of fan satisfaction. The need for data scientists is on the rise, and the pay is competitive. With a bachelor's degree and some experience in the field, this may be the right career fit for you.

WHAT IS A SPORTS DATA SCIENTIST? ¹

Sports data scientists answer difficult sports questions by analyzing an incredible amount of data. They use high-level mathematics to build statistical models. These models can then take complex information and turn it into sports performance metrics. A sports data scientist communicates information both written and verbally to appropriate parties to make predictions and improvements in sports. They look constantly for areas of opportunity, and work with multiple stakeholders to reach their goal.

IS SPORTS DATA SCIENTIST A GOOD CAREER FOR ME?

Sports data scientists are:

- interested and active in sports
- analytical
- technically proficient
- effective communicators
- complex problem solvers

¹ <https://www.discoverdatascience.org/industries/sports/>

² <https://www.bls.gov/ooh/math/mathematicians-and-statisticians.htm#tab-5>



Sports Data Scientist

AM I...

- Good at math?
- Analytical?
- Athletic or interested in sports history?

DO I...

- Like to solve problems?
- Notice patterns easily?
- Communicate effectively?

HOW DO I BECOME A SPORTS DATA SCIENTIST?

You will need to:

- take classes in science, math, and statistics.
- become active in athletics, or knowledgeable about the sports world.
- study advanced mathematics and statistics in college.
- get job experience working with data collection.