

Week 2

DAY ONE

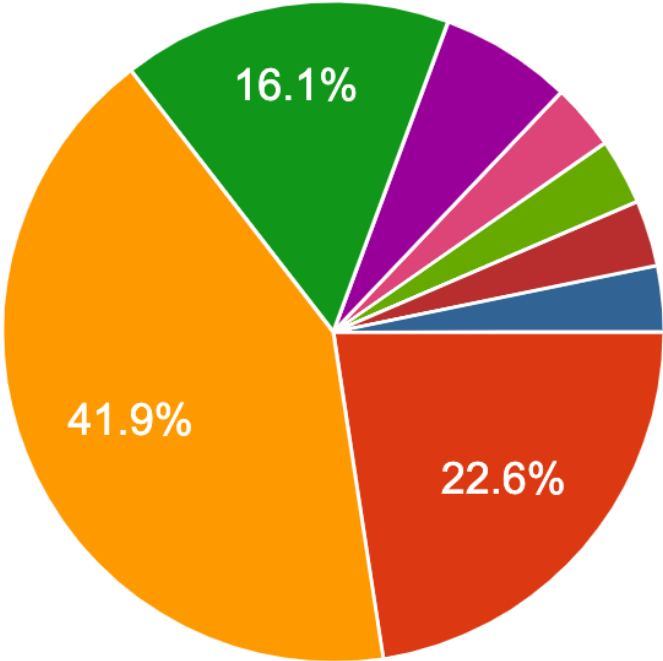
1. Survey Results
2. How do we talk about data?
3. Data table
4. Quick homework check

DAY TWO

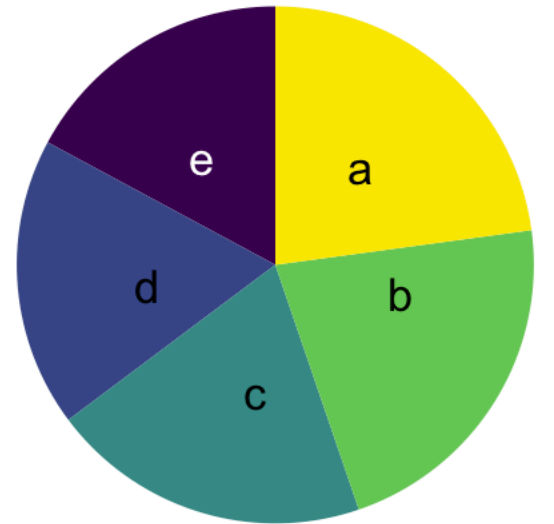
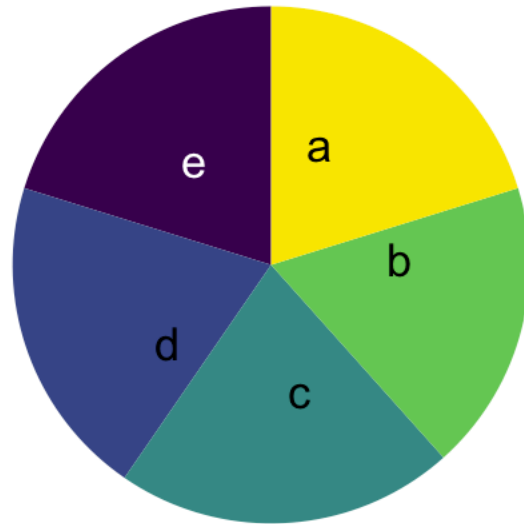
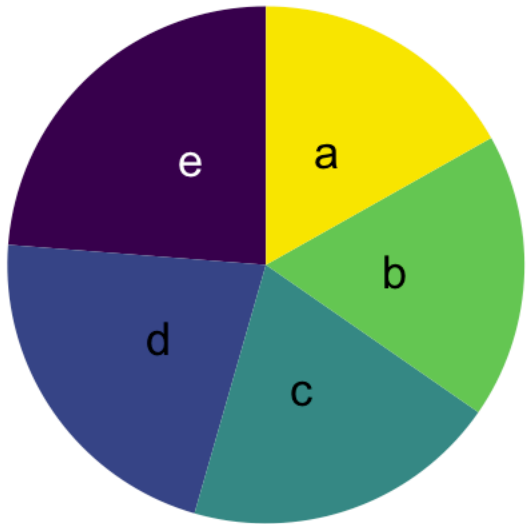
1. Wrap up from last time
2. Principles of visualization

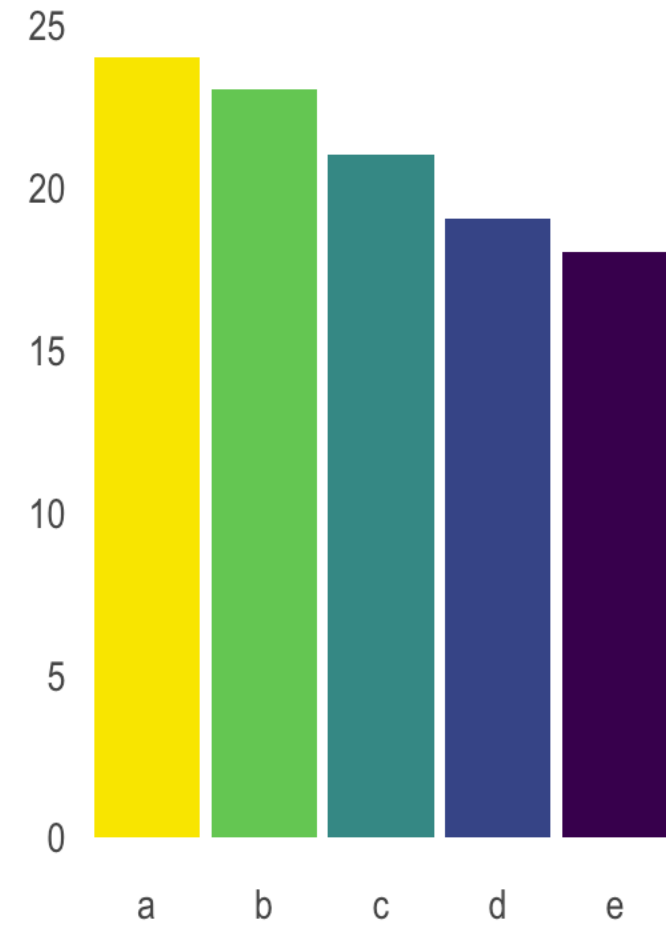
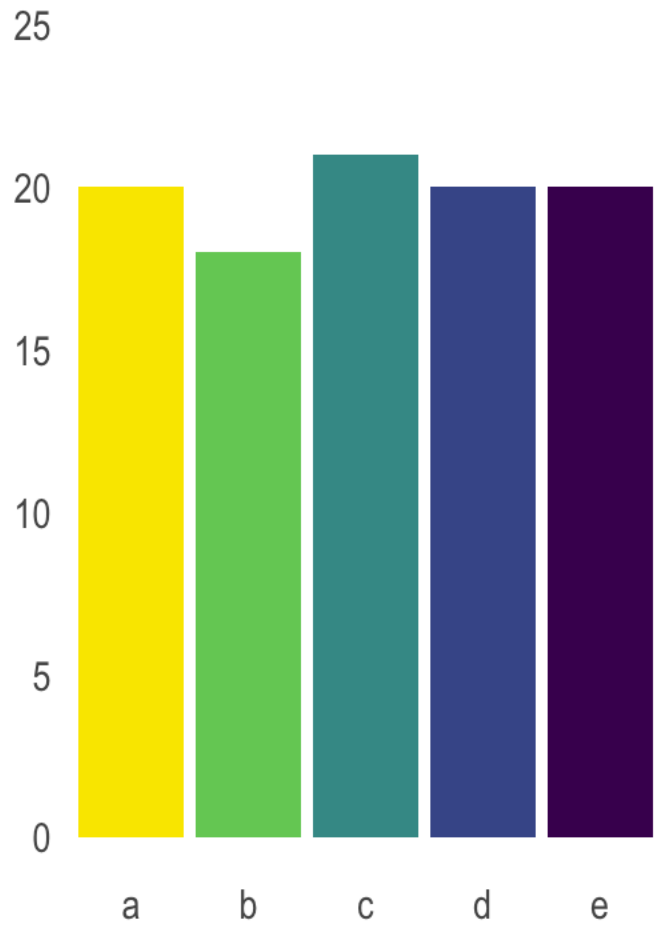
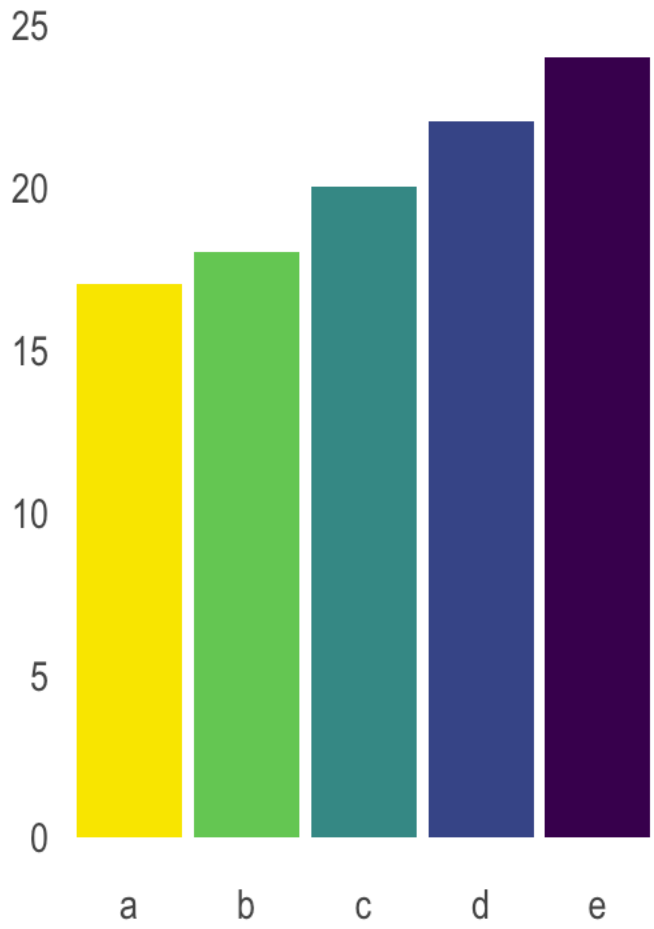
What field name / domain label would you use to describe your 'background' in terms of training or employment

31 responses



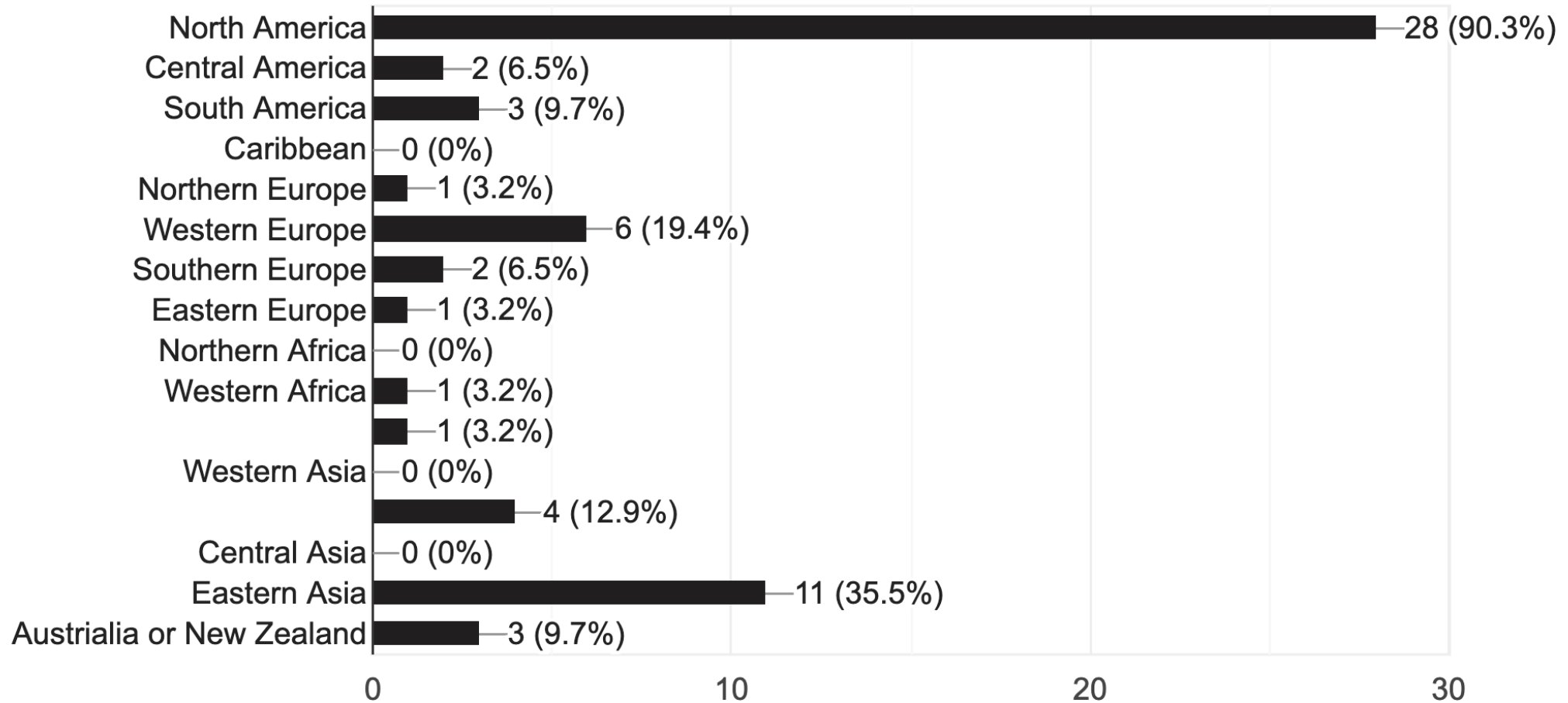
- Humanities (ex: History, Anthropology)
- Social Sciences (ex: Sociology, Politics)
- Formal Science (ex: Computer science)
- Natural Sciences (ex: Biology, Geology)
- Professional and Applied Sciences
- Creative Arts
- Sports
- Public Health





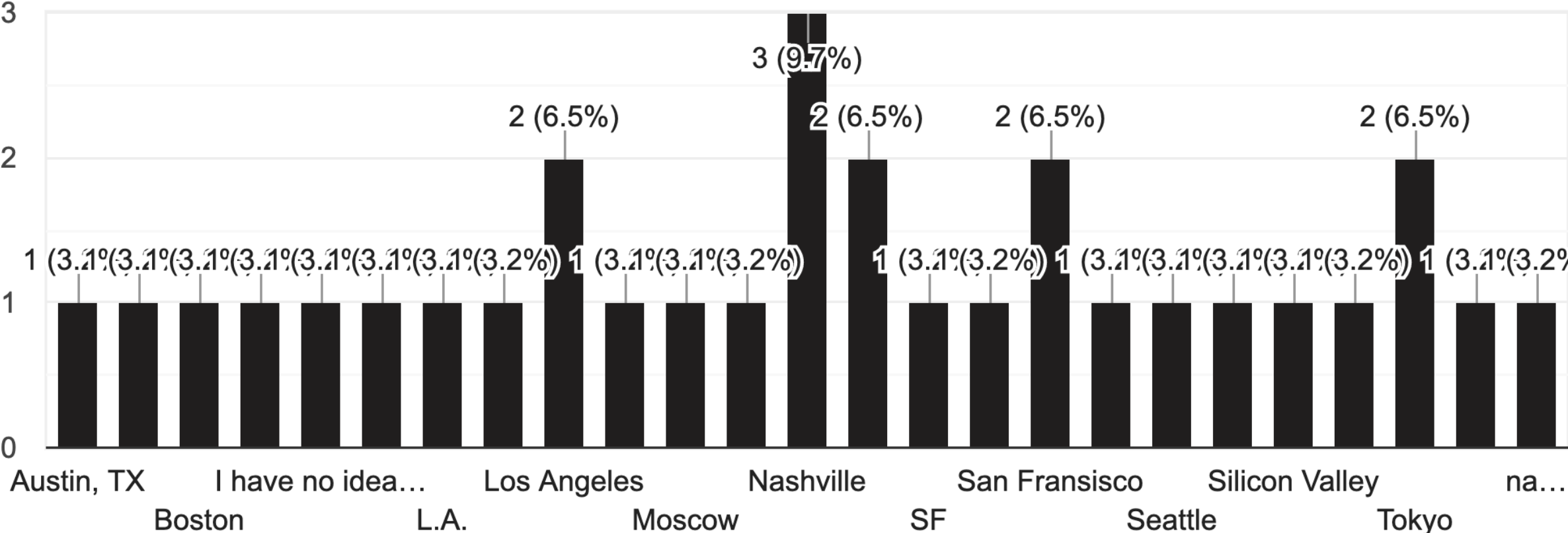
After you complete your Data Science MA, what region of the world would you MOST like to be employed (you can s...than one, but try to keep it simple)?

31 responses



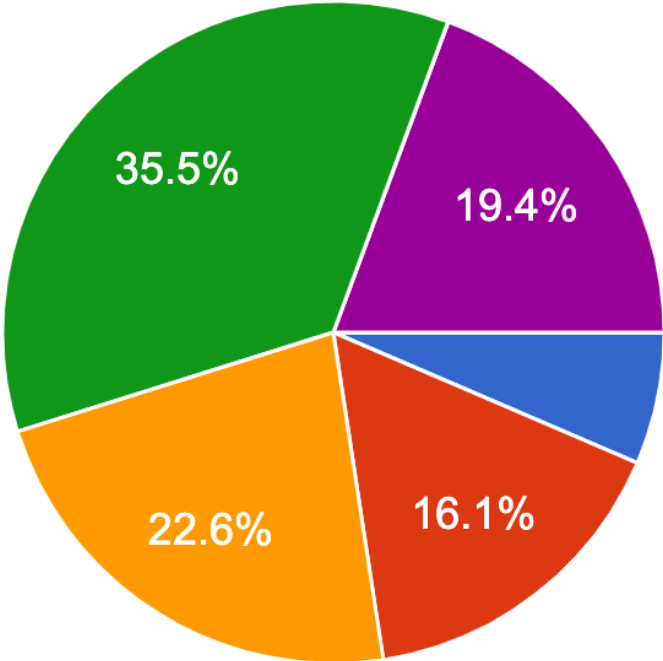
If you could live and work in one CITY in the world after you complete your degree where would it be?

31 responses



How many years of programming experience do you have (approximately)?

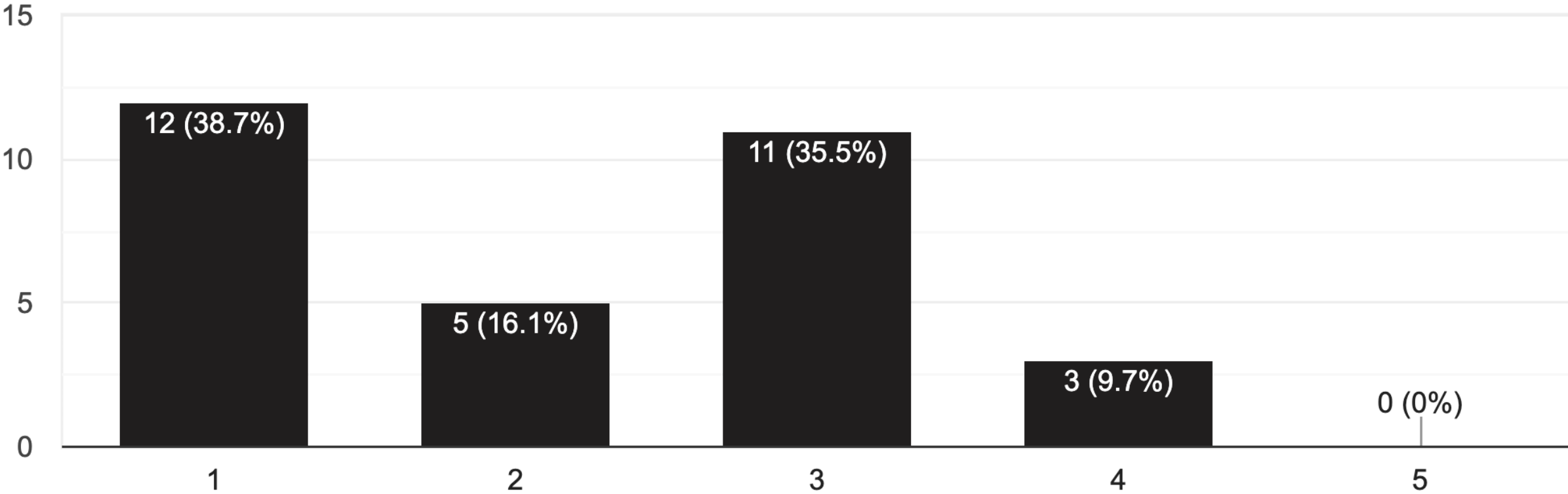
31 responses



- 0 months (I'm new to this stuff!)
- 1-6 months
- 6-12 months
- 12 months - 2 years
- 2 - 4 years
- 4+ years

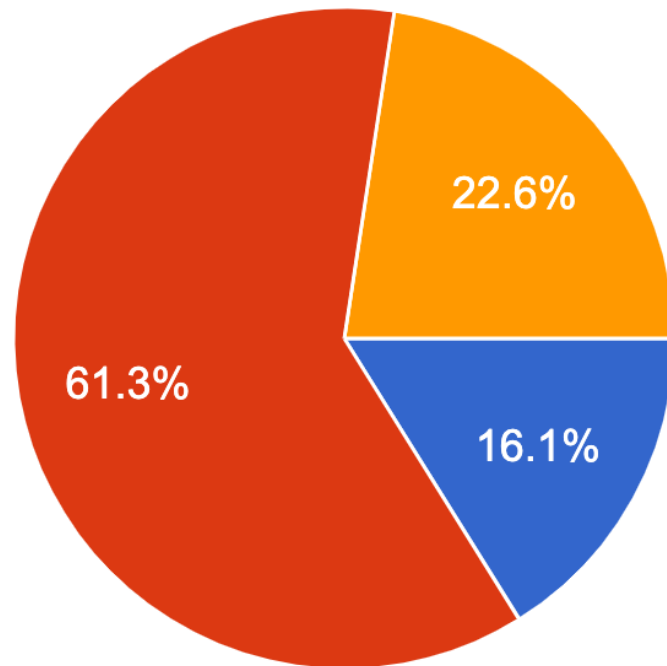
How confident are you with the R programming language?

31 responses



Tell me a bit about your background with statistics:

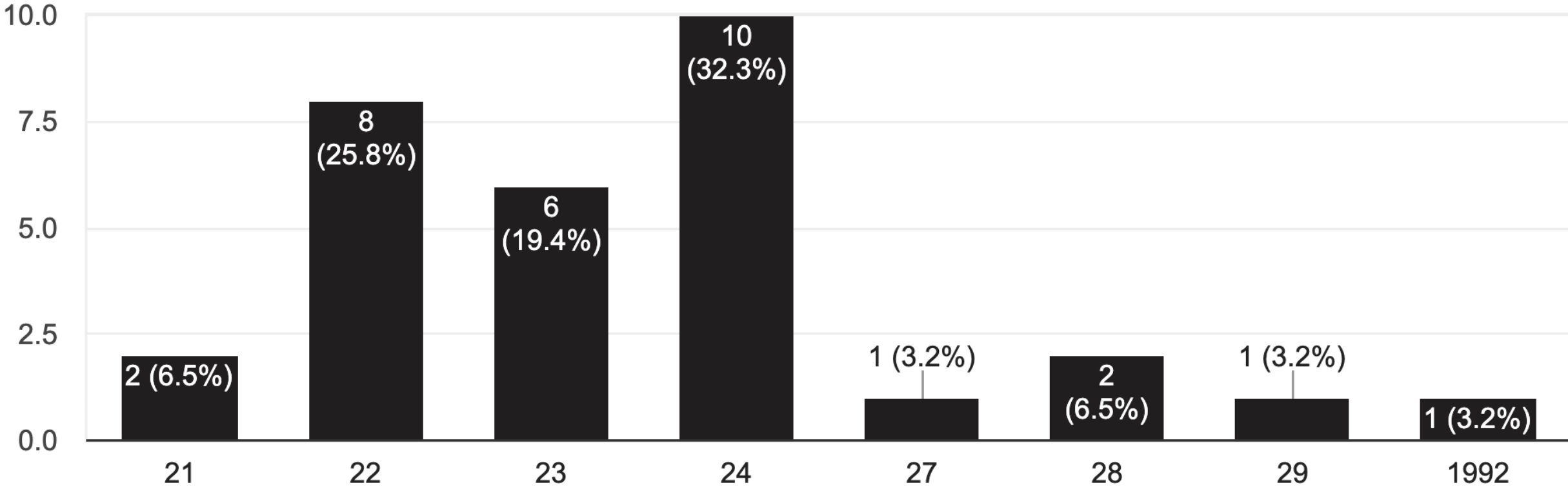
31 responses



- Stats is a new area for me. I've not had much training or experience.
- Stats is an area I have some familiarity with basic concepts like correlation and summary statistics
- Stats is an area that was central to my previous work and I have high comfort with stats material

What is your age, in years?

31 responses



Why do you want to be
a data scientist?

Very analytical, like numbers, and need money

So I can put my problem solving skills to use in my favorite field i.e sports

Run my own business in the future.

Could extract interesting things and information from data. Also tired of my past internship.

I want to be empowered and be more equipped to make business decisions

To more easily secure the bag

What is the most interesting question that you think data science can help solve?

Climate change
Targeting disease
Predicting human behavior
basketball
education quality
recommender systems
speech stuttering
genetic data
predictive health outcomes

Political Science, to know the dark behind.

Data types

What data types are in this survey data?

- Example: integer (`is.integer`)
- Example: string (`is.string`)
- Example: factors (`is.factor`)

Tools for exploring data

`ncol()`

`dim()`

`head()`

`view()`

`data.table()`

GO TO: Brightspace/week2/[ArunSrinivasan-DataTable](#)