

## One Stop Data Insights Shop

Team Size: 3-5 (Absolute Maximum 5)  
Location: Primarily Offsite (on campus)

### Company Background

Comcast is one of the largest telecommunication companies in the US. We provide customers with a wide range of products, ranging from an incredible cable platform to the best Internet and a great home security system product.

### Desired Skills

- Comfortable programming in Java, HTML and JavaScript
- Familiar with CSS, Unix/Linux, SQL and JSON
- Understand concepts of HTTP (GET/POST)
- Experience working with GitHub
- Comfortable installing and configuring software on a personal computer
- Work well with a team

### Project Description

The team that you would be working with is a data science and engineering team that supports the company's video streaming products. We build pipelines for the customer streaming video data.

Our team builds self-service tools to allow internal teams to gain visibility and insight into the data that their systems produce. The problem we have is that the users like to utilize each of these tools simultaneously. That is difficult because each tool has a separate UI with a unique querying language and different capabilities. The hope is to combine our current (and future) tools into one cohesive User Interface.

We need your help to create the user interface of this "One Stop Shop" tool. We are hoping to collaborate with you on some feature iterations, what this means is we will start with a simple product and see how far we can go in the six weeks. Ultimately, we would love for this product to be able to query several different backend databases. This tool should be user friendly and simple enough for anyone with a technical background to use.