

1. The stack that I am using is Python(Django) and Javascript(React). I am using React because React is great for storing and handling data on the front end and loads faster than regular javascript. For AWS i would use the EC2 service because that service is for handling large amounts of data and allows you to store data until you're ready to use it anytime.

2. Well Since I am using React on the front end and Python(Django) on the backend, there are multiple ways to test the product. For the front end , I can use the Jest testing library that is designed strictly for react or I can use maybe even the React dev tools for testing. On the back end, I can use pytest that helps to test APIs and load speed.

3. So with that data we have in that schema we can find out trends in where users are transitioning from. For example, with our data we can find out what company most of employees come from and where most of our employees who leave are going to . We can also find out what companies within similar industries (competitors) gproduce the longest lasting employees and which ones have the worst duration.