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CS 470 Final Reflection

YouTube Link: https://www.youtube.com/watch?v=L38eBhYcHbE
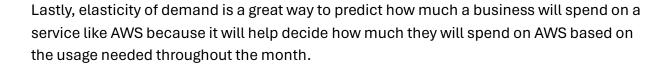
Final Reflection

1. <u>Experiences and Strengths</u>

In this class I learned how I can publish software on the web in the cloud by using AWS. It was my first time learning about AWS and I loved how simple it is and how secure it is. I am currently a data analyst, and I haven't considered using or even studying AWS, but this class made me want to learn more. I think this class made me a better developer because I have many more skills in my tool belt that will make me more valuable in any field I would choose. I haven't decided yet if I want to change my career and switch to software development now that I am a senior in my role, but if taking a step back would make me more fulfilled then that's what I would do. I would like to become an application software developer.

2. <u>Planning for Growth</u>

According to Google Cloud, a microservices architecture is a type of application architecture where the application is designed as a collection of services. It provides the framework to develop, deploy, and maintain microservices architecture diagrams and services independently. Using Microservices will speed up the application development, hence give more time for debugging and developers to make other improvements for the application. A microservice is used for website migration, media content, transaction & invoices, and data processing.

Predicting the cost of a serverless storage such AWS is tricky because of their pay-as-you-go model. This model allows the user to be charged for only the storage used and it can be hard to predict. This is one of the issues that my friend is facing at her job where running queries need to be done just when it is necessary to avoid being charged a lot of money.

Lastly, elasticity of demand is a great way to predict how much a business will spend on a service like AWS because it will help decide how much they will spend on AWS based on the usage needed throughout the month.

Reference

https://cloud.google.com/learn/what-is-microservices-architecture#:~:text=A%20microservices%20architecture%20is%20a,architecture%20diagrams%20and%20services%20independently.