**Uma Chidambaram**

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**Summary**

**Data Analyst** with a strong background in Math and Statistics. Enthusiastic and constantly learning about new skills and technologies.

**Technical Skills**

Mathematics, Advanced Analytics, Statistics & Probability, Data Visualization, Python, Excel, SQL & Tableau, Jupyter, Github, AWS

**Certifications**

March 2021 | Google Certified Educator Level 1, Jan 2021 | AWS Developer Associate,

Dec 2020 | AWS Solutions Architect, Nov 2020 | AWS Cloud Practitioner,

Mathematics Teaching Certification (Grades 7-12), Gifted & Talented Certification, ESL Certification.

**Projects**

**Stock Exchange Analysis |** *Analytics**| Independent Study* |

**2021**

*Analyze Stock exchange from various countries over the course of years*

* Data from kaggle, yahoo finance containing daily data from the 80’s to current was used for the analysis
* Cleaning and initial analysis done on jupyter including time series analysis and Dickey Fuller for stabilizing
* Visualizations done on jupyter and tableau to find short and long term investing strategies

**Instacart** | *Analytics* | Online Grocery Store **2021**

*Uncover Sales Pattern for targeted Marketing*

* Analysis conducted on Python and relevant libraries (pandas, NumPy, os , matplotlib, scipy, and seaborn)
* Customer profiles created, to analyze ordering status based on region and profile
* Visualizations on python that show order status of profiles, highest orders and strategy for targeted marketing

**Rockbuster** | *Analyst* | Online Movie Rental Company **2021** *Develop Customer Insights and Launch Strategy*

* Using SQL for analysis analyze data to answer business questions
* Based on Region and rental history create insights for online rental launch strategy.
* Highest rental based on country, city and top five customers identified and visualized using tableau.

**Professional Experience**

**High School Math teacher 2016 - Present**

* Successful with 95% or more passing rate of STAAR Algebra 1 of ESL student retakes.
* Passing rate of 97% of students in Algebra 2, Geometry and Math Models.

**Associate Faculty |** *Collin College & Grayson College* **|** Sherman & Frisco **1998-2016**

* Student retention rate of 95% with good lesson plan and creative classroom techniques.
* Positive relationship with students through office hours and 95% successful course completion.
* Use of technology and data analysis to compare results and reteach for credit recovery.

**Education**

**Carrier Foundry** | *Data Analytics Certificate*

* Immersive data analytics Program in Excel, SQL, Python, Tableau and github

**Texas A&M University** | *Master of Science in Mathematics |* College Station, Texas

**PMC Technology** | Bachelor of Science in Engineering | India