

## **Data Science Learning Journey - Uma Kugan**

Based on the priorities in life, everyone has their own individual goal, learning style and career path. My data science journey started 5 years ago. I did my Bachelors in computer science and engineering and I had over 15 years of experience working with various relational databases. I started with hive, pig and hadoop concepts and wanted to dive more into big data space and that's when I decided to enrol in Data Science Master's program in Indiana University.

The program overall helped me learn various tools and technologies which i'm using in my day job today. I started with python and spark which laid the foundation to my coding skills. Cloud computing helped with various tech stack for AWS and Machine Learning helped me understand the fundamentals of what machine learning is and how to create your machine learning algo. Data Visualization helped me understand how visuals can have a bigger impact and learnt how to create dashboards using tableau and python libraries matplotlib, seaborn. I learnt various noSQL databases such as Neo4j, MongoDB, Redis which helped me at work to do POC of various graph databases.

I have also learnt to use other tools such as Jupyter, github and to write technical documents using Latex/overleaf.

My next journey is to get deeper into the various things that i learned during my Master's program.