# UPSKILLING

**Stanford Online – Introduction to Statistics:** Explored statistical thinking concepts that are essential components of analytics and data science, forming the foundation for machine learning models, and are essential for learning from data and communicating insights. **Certificate**

**Imperial College London – Mathematics for Machine Learning: Linear Algebra:** Application of mapping vectors and matrices, including projections and transformations by basis vectors in coordinate systems, and eigen-problems. **Certificate**

**Imperial College London – Mathematics for Machine Learning: Multivariate Calculus:** Application of multivariate calculus in calculating gradients, find the minima or maxima, and regression. **Certificate**

**DeepLearning.AI – Supervised Machine Learning: Regression and Classification:** Built and trained supervised machine learning models for prediction and binary classification tasks, including linear regression and logistic regression. **Certificate**

**IBM – Exploratory Data Analysis for Machine Learning:** Learned techniques to retrieve data, clean it, apply feature engineering, and have it ready for preliminary analysis and hypothesis testing. **Certificate**

**IBM Data Science Professional Certificate:** Completed most of the IBM Data Science Certifications, learned core data science skills and machine learning, demonstrated hands-on skills.

Some Highlight Certifications:

- **IBM – Machine Learning with Python (with Honors) – Certificate | Badge**
- **IBM – Databases and SQL for Data Science with Python (with Honors) – Certificate | Badge**
  - Analyzed data within a database using SQL and Python. - Composed more powerful queries with advanced SQL techniques like views, transactions, stored procedures, and joins.
- **IBM – Data Analysis with Python – Certificate | Badge**
- **IBM – Python for Data Science, AI & Development – Certificate | Badge**
- **IBM – Data Science Methodology – Certificate | Badge**
- **IBM – Tools for Data Science – Certificate | Badge**
- **IBM – What is Data Science? – Certificate | Badge**

**AWS Innovate – Data and AI/ML Edition:** Attended AWS Innovate Online Conference, building machine learning solution with AWS, such Amazon SageMaker, Amazon Polly, and more. **Certificate**

**Prepare, Clean, Transform, and Load Data using Power BI:** Demonstrated hands-on experience in Power BI with core ETL skills including: Prepare, Clean, Transform, and Load Data. **Certificate**

**Google Data Analytics Professional Certificate:** Obtained the Google Data Analytics Certificate. Demonstrated hands-on experience with core data analytics skills including: SQL, Tableau, Spreadsheets, and R. **Certificate**