

I choose these 3 Job Titles, Data science, Machine learning Engineer, and Data Engineer. Their roles, responsibilities, and skills are diverse. Based on my research, I understand the difference between data science roles, skill set, technical knowledge, and mindset required to carry it.

Data science is an interdisciplinary field that uses scientific methods, processes, algorithms, and systems to extract knowledge and insights from many structural and unstructured data.

I have chosen Data science because it is developing gradually. It can help me solve problems with different perspectives such as analyzing things, appreciating practical business thinking, enjoying coding, and willing to learn continuously.

Machine learning Engineer is a branch of artificial intelligence where a class of data-driven algorithms enables software applications to become highly accurate in predicting outcomes without any need for explicit programming.

**I chose Machine learning** because it is linked directly to Data Science.

It means that I can analyze tons of data, extract value and glean insight from it, and later make use of that information to train a **machine learning** model to predict results.

**Data engineers** are typically software **engineers** by trade. Instead of **data** analysis, **data engineers** are responsible for compiling and installing database systems, writing complex queries, scaling to multiple machines, and putting disaster recovery systems into place.

**I choose data engineers because it** has both **data** and software **engineering** skills, Which will enable me to build a variety of products.