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Building a Data science personal brand notes taken during the session by Sammy Ongaya ,Data scientist oracle corporation

Building Data Science Personal Brand.

**History driving Factors**

* Algorithmic innovation
* Data
* Computing- compute power is growing

**History of AI**

its dated 1642

2009-google released self-driven car

**Applications of Data science**

* **Technology**-recommendation systems
* **Healthcare**-Disease identification
* **Agriculture**
* **Transport**

**Skills**

* Computer science
* Mathematics & Statistics
* Domain Knowledge-research, software development, Machine Learning, Data science.

skills

Artificial Intelligence-A program that can sense, reason, act and adapt.

Machine Learning - Algorithms whose performance improve as they are exposed to more data over time.

Deep Learning-subset of mL in which multilayered neural networks works.

**Frameworks you need to master**

python based

Keras, Numpy, Tensor Flow ,Pandas ,mxnet ,Scikit-learn

**Upskilling**

Education-at least get the formal education

Certification & courses

Cloudera certified professional(CCP).

IBM Data science professional certificate.

**online courses**

Coursera

Udacity

edx

How to stand out as a Data scientist

Have projects portfolio (Build End to end solutions)

Leverage Github

Knowledge Sharing

Networking-LinkedIn, Meetings

Data science AI/ML/Hackathons

online competitions-Zindi, kaggle

**Data science roles**

* Data scientist
* Machine Learning Engineer
* Data Engineer
* Data Architect
* Statistician
* Big data engineer
* Data Analytics Engineer

**Data science Job Market**

* Specialize in one area (T-shaped principle)
* Have a breadth of other areas
* select the industry you are comfortable working in.
* Choose your jobs carefully
* Evolve with the industry
* make an impact by solving important problems.