CypherCreed's

Learning Path

Machine Learning

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Introduction:

- **What is Machine Learning?**
- **Why ML?**
- **Career benefits**

Learning Path

1. **Pre-Requisites**:

   - Begin with Python / R

     1. For Python(*password- freetuts.download*)

     2. For Python 3

     3. For R

   - Algorithms to must learn before starting into ML

     1. ML Algorithms -tutorial

   - Mathematics:

     1. Calculus

     2. Linear Algebra

     3. Probability and Statistics

2. **The Actual ML** {Andree NG's Course, Top-Rated Course, Machine Learning A-Z™ (Direct-Download)}
3. Next Important and Must To-do thing is to test your learning by developing a project:
   - Kaggle
   - Google Data-Sets
   - Machine Learning Projects

Other Resources:

- ❖ [Exploring ML](#)
- ❖ [How to approach ML problems?](#)
- ❖ [Cross-Validation techniques](#)
- ❖ **BOOKS:**
  - ➤ [Understanding Machine Learning: From Theory to Algorithms](#) (by-Shalev-Shwartz S., Ben-David S.)
  - ➤ [Programming Collective Intelligence](#) (by- Toby Segaran)
  - ➤ [The Elements of Statistical Learning](#) (by-Trevor Hastie, Robert Tibshirani, Jerome Friedman)