Python development is One of the Highly In Demand and Top Paying Jobs in Tech. By learning python one can choose many different paths like python developer, learn ml for ml engineer, data scientist etc.  
  
  
I am sharing some useful resources from where you can learn python basics to advance along with machine learning.  
  
1. Python Basic Tutorial  
  
Here you can learn the basics of python like keywords, loops, lists, tuples , set etc.  
  
Link: <https://lnkd.in/dQpTPDRW>  
Link: <https://lnkd.in/dwgHYhCQ>  
  
2. Python OOPs concepts  
  
Here you will get to learn about different aspects of oops concepts which is very important.  
  
Link: <https://lnkd.in/dyTTtGUJ>  
  
3. Python Lambda Function  
  
One of the foremost common use cases for lambdas is in functional programming as Python supports a paradigm (or style) of programming referred to as functional programming. It allows you to supply a function as a parameter to a different function (for example, in map, filter, etc.).  
  
Link: <https://lnkd.in/du5PpceS>  
  
4. Basic of git and GitHub  
  
One of the most important topics to learn is how to use git and GitHub for publishing your codes and projects to repositories.  
  
Link: <https://lnkd.in/dJZGzdMU>  
  
5. Data structures and algorithms  
  
Here you will get understanding for different ds and algorithms topics like searching, sorting , tree, graph etc.  
  
Link: <https://lnkd.in/d4QZJWHK>  
  
6. Numpy in python  
  
NumPy is a Python library used for working with arrays. It also has functions for working in the domain of linear algebra, fourier transform, and matrices.  
  
Link: <https://lnkd.in/dVKfmFgU>  
  
7. Machine learning  
  
Machine learning (ML) is a type of artificial intelligence (AI) that allows software applications to become more accurate at predicting outcomes without being explicitly programmed to do so.  
  
Link: <https://lnkd.in/drmXtQWu>  
  
8. Python libraries for machine learning  
  
Here you will get all the learnings for different libraries used for machine learning.  
  
Link: <https://lnkd.in/dzUhHYzf>  
  
9. Data science  
  
Data science is the domain of study that deals with vast volumes of data using modern tools and techniques to find unseen patterns.  
  
Link: <https://lnkd.in/dFv4aiJe>  
  
10. Essential mathematics for machine learning  
  
Mathematics is most important for learning machine learning.  
  
Link: <https://lnkd.in/d8G_f3P2>  
  
11. Python Interview Preparation  
  
<https://lnkd.in/dSB_yZEf>  
  
<https://lnkd.in/dHusYFjf>  
  
<https://lnkd.in/d7Qb9Z49>  
  
<https://lnkd.in/dBGGKEyx>  
  
12. Python Quick Revision  
  
<https://lnkd.in/dbPVU2_i>  
  
<https://lnkd.in/dufHNc3v>