

# Data Analytics and Data Science Guide Part 1

## Python 101 - 15 Part Videos:

1. Introduction to Python : (Duration 00:52:07)  
<https://codingbootcamp.hosted.panopto.com/Panopto/Pages/Viewer.aspx?id=9d82085b-6292-4588-9163-a9c3007665bb>
2. Language Syntax: (Duration 00:52:55)  
<https://codingbootcamp.hosted.panopto.com/Panopto/Pages/Viewer.aspx?id=1e6745a5-0719-4676-aac4-a9c3008f2ce5>
3. Variables and Objects: (Duration 00:16:45)  
<https://codingbootcamp.hosted.panopto.com/Panopto/Pages/Viewer.aspx?id=b6121169-22e5-4849-901b-a9c3009ec1f6>
4. Operators: (Duration 00:39:57)  
<https://codingbootcamp.hosted.panopto.com/Panopto/Pages/Viewer.aspx?id=19830315-be0e-4c7d-adfd-a9c300a46ee5>
5. Built In Types: (Duration 00:20:19)  
<https://codingbootcamp.hosted.panopto.com/Panopto/Pages/Viewer.aspx?id=e8d6b0ce-2dbd-4717-83ec-a9c40075e6eb>
6. Built – In – Data – Structure: (Duration 00:32:55)  
<https://codingbootcamp.hosted.panopto.com/Panopto/Pages/Viewer.aspx?id=d34c85b2-e851-4316-abb4-a9c4007c7c46>
7. Control Flow Statement: (Duration 00:18:24)  
<https://codingbootcamp.hosted.panopto.com/Panopto/Pages/Viewer.aspx?id=50f19002-5501-45c2-889f-a9c4008616be>
8. Defining Function: (Duration 00:17:08)  
<https://codingbootcamp.hosted.panopto.com/Panopto/Pages/Viewer.aspx?id=c954ab62-2c06-456f-a91f-a9c4008c23a7>
9. Error-and-Exception: (Duration 00:13:42)  
<https://codingbootcamp.hosted.panopto.com/Panopto/Pages/Viewer.aspx?id=f83e7017-8def-4990-9a5f-a9c400919614>

10. Iterators: (Duration: 00:17:08)  
<https://codingbootcamp.hosted.panopto.com/Panopto/Pages/Viewer.aspx?id=3dc899d0-87c0-4404-b17c-a9c40095fd1f>
11. List Comprehension: (Duration: 00:12:23)  
<https://codingbootcamp.hosted.panopto.com/Panopto/Pages/Viewer.aspx?id=a646b9ef-7ba3-4230-8e53-a9c4009bb3cb>
12. Generator and Generators Expression: (Duration: 00:09:26)  
<https://codingbootcamp.hosted.panopto.com/Panopto/Pages/Viewer.aspx?id=524a93e9-0ca5-464d-9448-a9c4009fa7fd>
13. Modules and Packages (Duration: 00:11:37 ):  
<https://codingbootcamp.hosted.panopto.com/Panopto/Pages/Viewer.aspx?id=9968affd-2636-400d-8b61-a9c400a2a263>
14. Strings and Regular Expression:(Duration: 00:38:59)  
<https://codingbootcamp.hosted.panopto.com/Panopto/Pages/Viewer.aspx?id=d25c5fae-b799-42f7-9c4d-a9c400a5f150>
15. Data Science Tools: (Duration: 00:11:33)  
<https://codingbootcamp.hosted.panopto.com/Panopto/Pages/Viewer.aspx?id=67cba4e6-4121-40d3-9f52-a9c400b0d1d6>