**Programming Python**

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| **No** | **Topics** | **What you know** | **What next** |
|  | **General** | | |
| 1 | Web Services |  |  |
| 2 | Django |  |  |
| 3 | Flask |  |  |
| 4 | Pandas |  |  |
| 5 | Performance |  |  |
| 6 | Testing |  |  |
| 7 | Object oriented programming |  |  |
| 8 | Standard implementations of sort etc. |  |  |
| 9 | Create custom module and then use |  |  |
| 12 | Multi-processing |  |  |
| 13 | GUI programming |  |  |
| 14 | Efficient practices |  |  |
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|  | **Packages and frameworks** | | |
| 1 | Matplotlib |  |  |
| 2 | Tkinter |  |  |
| 3 | Requests |  |  |
| 4 | R, the module for statistics |  |  |
| 5 | Numpy and other scientific for AI |  |  |
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|  | **Python with other tools/Application** | | |
| 1 | Integration with Jenkins |  |  |
| 2 | Integration with Maven |  |  |
| 3 | Integration with Git |  |  |
| 4 | Integration with Oracle |  |  |
| 5 | Integration with Post GRE |  |  |
| 6 | Integration with Mongo DB |  |  |
| 7 | Integration with Tomcat |  |  |
| 8 | Docker |  |  |
| 9 | AWS |  |  |
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