

B05924- Python Data Analysis

Software list:

Chapter number	Software required (With version)	Hardware specifications	OS required
1-12	Python > 3.5.x <ul style="list-style-type: none"> • Redis server • Cassandra • Java 8 • Graphviz • Octave • R • SWIG • PCRE • Boost • gfortran • MPI 	PC / Mac Processor, memory and disk requirements as specified by Python.	Linux / Mac OSX / Windows
1-12	Python Libraries installed with pip3: <ul style="list-style-type: none"> - numpy - scipy - pandas - matplotlib - ipython - jupyter - notebook - readline - scikit-learn - rpy2 - Quandl - statsmodels - feedparser 		

	<ul style="list-style-type: none"> - beautifulsoup4 - lxml - numexpr - tables - openpyxl - xlsxwriter - xlrd - pony - dataset - pymongo - redis - python3-memcache - cassandra-driver - sqlalchemy - nltk - networkx - theanoets - nose_parameterized - pydot2 - deap - JPyype1 - gprof2dot - line_profiler - cython - cytoolz - joblib - bottleneck - jug - mpi4py 		
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