

SOFTWARE/HARDWARE LIST:-

Chapter Name	Chapter number	Software required (With version)	Hardware specifications	OS required
Social Media and Social Media Analytics in a Nutshell	1	-	-	Windows, Mac or Linux
Harness the Social Data - Connecting, Capturing and Cleaning	2	MongoDB Python3, libraries: requests=2.18.1 requests_oauthlib=0.8.0 oauth2client=4.1.2 json (python standard library) urllib (python standard library) re (python standard library) itertools (python standard library) nltk=3.2.4 pandas=0.20.2 pymongo=3.4.0	Either 32 or 64 bit architecture, 2+ GHz CPU, 4GB RAM, at least 5GB of hard disk space available	Windows, Mac or Linux
Uncovering Brand activity, emotions and popularity on Facebook	3	Python3, libraries: requests=2.18.1 json (python standard library) pandas=0.20.2 re (python standard library) nltk=3.2.4 itertools (python standard library) wordcloud=1.3.1 ggplot=0.11.5	Either 32 or 64 bit architecture, 2+ GHz CPU, 4GB RAM, at least 5GB of hard disk space available	Windows, Mac or Linux
Analysing Twitter using sentiment analysis and entity recognition	4	MongoDB Python3, libraries: requests=2.18.1 requests_oauthlib=0.8.0 json (python standard library) pymongo=3.4.0 beautifulsoup=3.2.1 pandas=0.20.2 nltk=3.2.4 matplotlib=2.0.2 scikit-learn 0.18.2 numpy=1.13.0	Either 32 or 64 bit architecture, 2+ GHz CPU, 4GB RAM, at least 5GB of hard disk space available	Windows, Mac or Linux
Campaigns and consumer reaction	5	Python3, libraries:	Either 32 or 64 bit architecture, 2+ GHz	Windows, Mac or Linux

analytics on Youtube		requests=2.18.1 json (python standard library) pandas=0.20.2 nltk=3.2.4 matplotlib=2.0.2	CPU, 4GB RAM, at least 5GB of hard disk space available	
What will be the next great technology ? Trends mining on Github	6	Python3, libraries: requests=2.18.1 json (python standard library) pandas=0.20.2 langdetect=1.0.7 nltk=3.2.4 matplotlib=2.0.2	Either 32 or 64 bit architecture, 2+ GHz CPU, 4GB RAM, at least 5GB of hard disk space available	Windows, Mac or Linux
Scraping and extracting conversational Topics on Internet Forums	7	Python3, libraries: scrapy=1.4.0 requests=2.18.1 json (python standard library) beautifulsoup=3.2.1 pandas=0.20.2 nltk=3.2.4 lda=1.0.5 re (python standard library)	Either 32 or 64 bit architecture, 2+ GHz CPU, 4GB RAM, at least 5GB of hard disk space available	Windows, Mac or Linux
Demystifying Pinterest through Network Analysis of user's interests	8	Python3, libraries: requests=2.18.1 json (python standard library) pandas=0.20.2 nltk=3.2.4 networkx=1.11 selenium=3.4.3 urllib2 (python standard library) matplotlib=2.0.2 chromedriver=2.30 (https://sites.google.com/a/chromium.org/chromedriver/)	Either 32 or 64 bit architecture, 2+ GHz CPU, 4GB RAM, at least 5GB of hard disk space available	Windows, Mac or Linux
Social Data Analytics at Scale (Spark, Amazon Web services)	9	Python3, libraries: celery==4.0.2 nltk==3.2.1 Additional Softwares: Docker (version 17.06.0-ce, build 02c1d87) Rabbitmq-server (version 3.5.7)	Either 32 or 64 bit architecture, 2+ GHz CPU, 4GB RAM, at least 5GB of hard disk space available	Mac or Linux