WEEK		MIN HOURS	MAX HOURS
WEEK 1		**31.00**	**59.00**
Introduction		**4.33**	**4.33**
	Demystifying Data Science	1.50	1.50
	Start Thinking About Your Capstone Project	2.00	2.00
	Additional Resources	0.00	0.00
Programming in R		**14.67**	**29.67**
Core Resources for Learning R		14.67	29.67
	What makes R different?	0.08	0.08
	Create your DataCamp Springboard account	0.00	0.00
	DataCamp: Introduction to R	4.00	8.00
	DataCamp: Intermediate R	6.00	12.00
	Elective: Swirl Tutorial in RStudio	0.00	0.00
	Getting Started with R and RStudio	0.25	0.75
	Version Control with Git, Github and RStudio	1.00	2.00
	Getting Started with R Markdown	1.00	2.00
Additional R Resources		**0.00**	**0.00**
	RSeek: A Search Engine for R	0.00	0.00
	Quick-R	0.00	0.00
	Style Guide for R	0.00	0.00
Data Wrangling*		**12.00**	**25.00**
Core Resources for Data Wrangling		12.00	25.00
	Data Wrangling with R and RStudio	1.00	2.00
	Data Manipulation in R using Dplyr	1.00	2.00
	Going Deeper with Dplyr	1.00	2.00
	Submit your Capstone Project Proposal	1.00	1.00
	Data Wrangling Exercise 1: Basic Data Manipulation	2.00	3.00
	Data Wrangling Exercise 2: Dealing with missing values	2.00	3.00
	Data Wrangling Exercise 3: Human Activity Recognition (Optional)	4.00	12.00
	May move into Week 2		
WEEK 2		**36.50**	**46.50**
Data Wrangling (Cont'd)			
Additional Resources for Data Wrangling		**0.00**	**0.00**
	Cheat Sheet for Data Wrangling commands	0.00	0.00
	Regular Expressions	0.00	0.00
	Getting Data into R	0.00	0.00
	Tidy Data	4.00	4.00
Exploratory Data Analysis in R		**11.00**	**20.00**
	Data Visualization with ggplot2 | Part 1	5.00	10.00

WEEK		MIN HOURS	MAX HOURS
	Submit your code for the Titanic exercise	0.00	0.00
	Data Visualization with ggplot2 | Part 2	6.00	10.00
	Submit your code for the CHIS exercise	0.00	0.00
Probability & Statistics		**21.50**	**22.50**
Core Resources for Probability and Statistics		21.50	22.50
	Independent and Dependent Events	4.00	5.00
	Statistical Studies	1.50	1.50
	Descriptive Statistics	3.50	3.50
	Random Variables and Probability Distributions	2.50	2.50
	Regression	2.00	2.00
	Inferential Statistics	8.00	8.00
Additional Resources for Probability and Statistics		0.00	0.00
	Common Probability Distributions: The Data Scientist's Crib Sheet	0.00	0.00
	Statistics in a Nutshell	0.00	0.00
WEEK 3		**33.67**	**45.67**
Data Story		**4.42**	**8.42**
Core Resources for Data Story		4.42	8.42
	Data Scientists Should Think Like Journalists	0.08	0.08
	Watch DJâ€™s talk about data storytelling and products, among other thing	0.28	0.28
	A follow-up chat reiterating the importance of storytelling	0.05	0.05
	Submit Your Data Story - Your Capstone Project Milestone Report	4.00	8.00
Additional Resources for Data Story		0.00	0.00
	Hans Rosling's TED Talk	0.00	0.00
	Data Storytelling: Turning insights into action	0.00	0.00
	FiveThirtyEight	0.00	0.00
Data Analysis in Depth		**45.25**	**57.25**
Core Resources		29.25	37.25
	Feature Engineering	1.00	1.00
	Linear Regression (Week 2 of edX Analytics Edge Course)	8.00	10.00
	Mini-Project: Linear Regression	1.00	2.00
	Logistic Regression (Week 3 of edX Analytics Edge)	8.00	10.00
	Mini-Project: Logistic Regression	1.00	2.00
	Clustering (Week 6 of edX Analytics Edge course)	8.00	10.00
	Mini-Project: K-Means Clustering	0.00	0.00
	Model Evaluation: Concepts	2.00	2.00
	Cross-validation in R	0.25	0.25
ELECTIVE: WEEKS 3 AND 4		**22.00**	**26.00**
Electives for Data Analysis in Depth: Trees and Text Analysis		16.00	20.00

WEEK		MIN HOURS	MAX HOURS
	Trees (Week 4 of edX Analytics Edge course)	8.00	10.00
	Text Analytics (Week 5 of edX Analytics Edge course)	8.00	10.00
References for Data Analysis in Depth		0.00	0.00
	Introduction to Statistical Learning (With Applications in R)	0.00	0.00
	The Elements of Statistical Learning	0.00	0.00
	Data Mining in R	0.00	0.00
ELECTIVE: Data Visualization		**6.00**	**6.00**
	Introduction to Infographics & Data Visualization	5.00	5.00
	A Survey of Advanced Visualization Techniques	1.00	1.00
	Optional Reading: Books by Nathan Yau	0.00	0.00
WEEK 4		**10.00**	**15.00**
Capstone Project		**10.00**	**15.00**
	Complete & Submit Capstone Project	10.00	15.00
	References & Additional Resources	0.00	0.00
	Career Resources	0.00	0.00
TOTAL TIME		**107.17**	**162.17**
TOTAL TIME WITH ELECTIVES		**133.17**	**192.17**