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Unit 1: Program Overview		with 6 units, 1 project, 15 hours 27 minutes
Sub-unit 1.1 Course Outline		20 Minutes
	The Data Science Method	
	Specialization Tracks	1 Hour
	Capstone Projects	4 Minutes
	Your Data Science Portfolio	
	Springboard's Job Guarantee	
	Completion Criteria	20 Minutes
Sub-unit 1.2 Mentorship		20 Minutes
	Mentorship	3 Minutes
	Mentor Calls	10 Minutes
	Questions to Ask Your Mentor	7 Minutes
	Unlimited Mentor Calls	
Sub-unit 1.3 Your Support System		7 Minutes
	Student Success Survey	
	Career Support Walkthrough	3 Minutes
	Your Support System	4 Minutes
	Join Your Online Community	
	Your Community Manager	
	Course TA	
	Your Extended Support Team	
Sub-unit 1.4 Your First Coaching Call		35 Minutes
	Your First Coaching Call	5 Minutes




 Career Strategy Worksheet	30 Minutes
 Take a Quick Specialization Track Quiz <small>OPTIONAL</small>	1 Minute
<b>Sub-unit 1.5 Prework: Python</b>	<b>14 Hours 5 Minutes</b>
 Create a DataCamp Account	15 Minutes
 Intro to Python for Data Science	6 Hours
 Intermediate Python for Data Science	6 Hours
 Install your Data Science Python Stack	20 Minutes
 Jupyter Notebook	1 Hour
 Git and GitHub	30 Minutes
 UNIX Command Line <small>OPTIONAL</small>	30 Minutes
<b>Sub-unit 1.6 Prework: Statistics</b>	
 Data Distributions <small>OPTIONAL</small>	1.5 Hours
 Displaying and Describing Quantitative Data <small>OPTIONAL</small>	1.5 Hours
 Scatterplots <small>OPTIONAL</small>	1.5 Hours
 Learning from Data <small>OPTIONAL</small>	1.5 Hours
<b>Total for this unit</b>	<b>~15 Hours 27 Minutes</b>
<b>Unit 2: What is Data Science?</b> <small>with 3 units, 1 hour 17 minutes</small>	
<b>Sub-unit 2.1 Demystifying Data Science</b>	<b>1 Hour 7 Minutes</b>
 What Do You Need to Become a Data Scientist	15 Minutes
 Data Science In 5 Minutes	7 Minutes
 What is Data Science?	45 Minutes
 Real Talk with a Data Scientist at Instagram <small>OPTIONAL</small>	13 Minutes
<b>Sub-unit 2.2 Data Science Method Overview</b>	<b>10 Minutes</b>
 Overview of the Data Science Method	10 Minutes















Sub-unit 2.3    Wrap Up	
 Recap    OPTIONAL	
Total for this unit	~1 Hour 17 Minutes
Unit 3: Problem Identification    with 4 units, 2 projects, 6 hours 50 minutes	
Sub-unit 3.1    Intro to Problem Identification	1 Hour 13 Minutes
 The Data Science Method — Problem Identification	10 Minutes
 Why Care about Problem Statements?	3 Minutes
 Problem Solving Fundamentals	30 Minutes
 Building SMART Problem Statements to Define Problems	20 Minutes
 Problem Definition Techniques	10 Minutes
Sub-unit 3.2    Case Study One - Monalco Mining	3 Hours 10 Minutes
 Problem Statement Worksheet Template	10 Minutes
 Problem Statement Worksheet Exemplar	30 Minutes
 Read the Monalco Mining Case Study Overview	30 Minutes
 Create a Problem Statement for Monalco Mining	2 Hours
Sub-unit 3.3    Case Study Two - Nordic Sensing Co.	2 Hours 20 Minutes
 Read Nordic Sensing Co. Case Study Overview	20 Minutes
 Create a Problem Statement for Nordic Sensing Co.	2 Hours
Sub-unit 3.4    Wrap Up	7 Minutes
 Problem Identification	7 Minutes
 Recap	
Total for this unit	~6 Hours 50 Minutes
Unit 4: The Python Data Science Stack    with 4 units, 2 projects, 36 hours 55 minutes	
Sub-unit 4.1    Python for Data Science	11 Hours 20 Minutes
 Data Types for Data Science	6 Hours

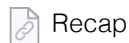
 Python Data Science Toolbox	5 Hours
 Python Programming Assessment	20 Minutes
<b>Sub-unit 4.2 The Power of pandas</b>	<b>18 Hours 20 Minutes</b>
 pandas Foundations	6 Hours
 Manipulating DataFrames with pandas	6 Hours
 Merging DataFrames with pandas	6 Hours
 Data Manipulation with Python Assessment	20 Minutes
<b>Sub-unit 4.3 Case Study - London Calling!</b>	<b>7 Hours 15 Minutes</b>
 Self Reliance with StackOverflow	15 Minutes
 Case Study - London Housing	6 Hours
 Summarize Your Findings	1 Hour
<b>Sub-unit 4.4 Wrap Up</b>	
 Recap	
<b>Total for this unit</b>	<b>~36 Hours 55 Minutes</b>
<b>Unit 5: Creating Your Job Search Strategy</b> with 2 units, 2 hours 45 minutes	
<b>Sub-unit 5.1 Fundamentals of Effective Job Hunting</b>	<b>2 Hours 45 Minutes</b>
 Anatomy of a Tech Company	1.5 Hours
 The Job Search Funnel	10 Minutes
 The Mindset of a Successful Job Seeker	10 Minutes
 Land Any Job You Want - How Successful People Thin...	45 Minutes
 Common Mistakes that Job Seekers Make	10 Minutes
<b>Sub-unit 5.2 Wrap Up</b>	
 Recap	
<b>Total for this unit</b>	<b>~2 Hours 45 Minutes</b>
<b>Unit 6: Applying the Data Science Method</b> with 8 units, 7 projects, 42 hours 36 minutes	

Sub-unit 6.1	Step One: Problem Identification	2 Hours
	Guided Capstone - Step One	2 Hours
Sub-unit 6.2	Step Two: Data Wrangling	8 Hours 26 Minutes
	Overview of Data Wrangling	10 Minutes
	Data Wrangling with pandas Cheat Sheet	4 Minutes
	Github Essentials	12 Minutes
	Guided Capstone - Step Two	8 Hours
Sub-unit 6.3	Step Three: Exploratory Data Analysis	11 Hours 14 Minutes
	Overview of Exploratory Data Analysis	9 Minutes
	EDA Cheat Sheet	5 Minutes
	Exploratory Data Analysis in Python	3 Hours
	Guided Capstone - Step Three	8 Hours
Sub-unit 6.4	Step Four: Pre-processing and Training Data Development	8 Hours 13 Minutes
	Overview of Pre-processing and Training Data Development	8 Minutes
	Overview of Scale Standardization	5 Minutes
	Guided Capstone - Step Four	8 Hours
Sub-unit 6.5	Step Five: Modeling	8 Hours 8 Minutes
	Overview of Modeling	8 Minutes
	Guided Capstone - Step Five	8 Hours
Sub-unit 6.6	Step Six: Documentation	2 Hours 35 Minutes
	Overview of Project Documentation	8 Minutes
	The Secret Structure of Great Talks	27 Minutes
	Guided Capstone - Step Six	2 Hours
Sub-unit 6.7	Presenting Your Work	2 Hours
	Guided Capstone - Create a Slide Deck for the Executive Team	2 Hours

Sub-unit 6.8    Wrap Up	
 Recap	
Total for this unit	~42 Hours 36 Minutes
Unit 7: Data Wrangling      with 7 units, 4 projects, 50 hours 55 minutes	
Sub-unit 7.1    Capstone Two: Project Ideas & Proposal	8 Hours
 Capstone Two - Project Ideas	4 Hours
 Capstone Two - Project Proposal	4 Hours
Sub-unit 7.2    Data Collection	12 Hours 50 Minutes
 Importing Data in Python, Part 1	5 Hours
 Importing Data in Python, Part 2	3 Hours
 Introduction to APIs	20 Minutes
 Getting Started With Python Requests	30 Minutes
 API Mini-Project	4 Hours
 Web Scraping in Python Using Scrapy    OPTIONAL	1 Hour
Sub-unit 7.3    Data Organization	6 Hours 20 Minutes
 Cookie Cutter Data Science	20 Minutes
 Code Management with Git	6 Hours
Sub-unit 7.4    Data Definitions	2 Hours 45 Minutes
 pandas Profiling Module Overview	45 Minutes
 NASA Meteorite Data Exercise	2 Hours
Sub-unit 7.5    Data Cleaning	13 Hours
 Cleaning Data in Python	6 Hours
 Python Data Science Toolbox, Part 2	6 Hours
 Handling Text Data	1 Hour

Sub-unit 7.6	Capstone Two: Data Wrangling	8 Hours
	Capstone Two - Data Wrangling	8 Hours
Sub-unit 7.7	Wrap up	
	Data Cleaning Challenge	OPTIONAL
	Recap	2 Hours
Total for this unit		~50 Hours 55 Minutes

Unit 8: SQL & Databases				with 4 units, 1 project, 29 hours 17 minutes
Sub-unit 8.1	SQL & Databases Overview		2 Hours 13 Minutes	
	Introduction to SQL and Databases		45 Minutes	
	Introduction to SQL and Databases		20 Minutes	
	Introduction to Entity-Relationship Diagrams		OPTIONAL	4 Minutes
	Database Trends		30 Minutes	
	Introduction to Relational Databases		8 Minutes	
	Set Theory: The Method to Database Madness		30 Minutes	
Sub-unit 8.2	SQL Skills for Data Science		19 Hours	
	Introduction to SQL for Data Science		6 Hours	
	Joining Data in SQL		7 Hours	
	Intermediate SQL		6 Hours	
Sub-unit 8.3	SQL Case Study - Country Club		7 Hours 34 Minutes	
	Working with Relational Databases in Python		1.5 Hours	
	Introduction to PHP MyAdmin		4 Minutes	
	Case Study - Country Club		6 Hours	
Sub-unit 8.4	Wrap Up		30 Minutes	
	Interview Questions		30 Minutes	
	HackerRank SQL Challenge		OPTIONAL	2 Hours



Recap

Total for this unit

~29 Hours 17 Minutes

### Unit 9: Your Elevator Pitch and LinkedIn Profile

with 3 units, 2 projects, 7 hours 2 minutes

#### Sub-unit 9.1 Elevator Pitch

1 Hour 2 Minutes



The Perfect Elevator Pitch To Land A Job

7 Minutes



5 Minutes to a Great Elevator Pitch for Job Seekers

10 Minutes



Create your Personal Pitch

45 Minutes

#### Sub-unit 9.2 Create (or Update) Your LinkedIn Profile

6 Hours



Get a LinkedIn Job Seeker Premium Account

OPTIONAL

30 Minutes



The 31 Best LinkedIn Profile Tips for Job Seekers

20 Minutes



How to Write a LinkedIn Summary (About Section): Exa...

15 Minutes



Five Examples of Great LinkedIn Summaries

20 Minutes



Update Your LinkedIn Profile

5 Hours



Schedule an Elevator Pitch and LinkedIn Call with Your...

5 Minutes

#### Sub-unit 9.3 Wrap Up



Recap

Total for this unit

~7 Hours 2 Minutes

### Unit 10: Statistics for Exploratory Data Analysis

with 7 units, 29 hours 55 minutes

#### Sub-unit 10.1 Learning from Data

6 Hours 20 Minutes



Accessing The Art of Statistics



Chapter 3: Why Are We Looking at Data Anyway?

2.5 Hours



Why are We Looking at Data

15 Minutes



Chapter 3: Take-away Notes






















10 Minutes



Chapter 4: What Causes What?

3 Hours



 What Causes What?	15 Minutes
 Chapter 4: Take-away Notes	10 Minutes
 Simpson's Paradox <small>OPTIONAL</small>	20 Minutes
<b>Sub-unit 10.2 Models &amp; Algorithms</b>	<b>6 Hours 20 Minutes</b>
 Chapter 5: Modelling Relationships Using Regression	2 Hours
 Seeing Theory - Regression Exercises	30 Minutes
 Modelling Relationships Using Regression	15 Minutes
 Chapter 5: Take-away Notes	10 Minutes
 Chapter 6: Algorithms, Analytics, and Prediction	3 Hours
 Algorithms, Analytics, and Prediction	15 Minutes
 Chapter 6: Take-away Notes	10 Minutes
<b>Sub-unit 10.3 Assessing Uncertainty through Resampling</b>	<b>2 Hours 40 Minutes</b>
 Chapter 7: How Sure Can We Be About What Is Going ...	2 Hours
 Chapter 7: Take-away Notes	10 Minutes
 Seeing Theory: Frequentist Inference	30 Minutes
<b>Sub-unit 10.4 Probability Theory</b>	<b>5 Hours 50 Minutes</b>
 Chapter 8: Probability - The Language of Uncertainty a...	2 Hours
 Chapter 8: Take-away Notes	10 Minutes
 Seeing Theory: Basic Probability and Compound Proba...	30 Minutes
 Chapter 9: Putting Probability & Statistics Together	2.5 Hours
 Chapter 9: Take-away Notes	10 Minutes
 Seeing Theory: Probability Distributions	30 Minutes
<b>Sub-unit 10.5 Hypothesis Testing</b>	<b>2 Hours 55 Minutes</b>
 Chapter 10: Answering Questions & Claiming Discoveries	2.5 Hours
 Answering Questions & Claiming Discoveries	15 Minutes



Chapter 10: Take-away Notes

10 Minutes

**Sub-unit 10.6   Advanced Statistics**

5 Hours 50 Minutes



Chapter 11: Learning from Experience the Bayesian Way

2.5 Hours



Seeing Theory: Bayesian Inference

30 Minutes



Chapter 11: Take-away Notes

10 Minutes



Chapter 12: How Things Go Wrong &amp; Chapter 13: How We C...

2.5 Hours



Chapters 12 and 13: Take-away Notes

10 Minutes



Sign Up for LinkedIn Learning

**Sub-unit 10.7   Wrap Up**

Recap

**Total for this unit****~29 Hours 55 Minutes****Unit 11: Python Statistics in EDA**   with 6 units, 5 projects, 38 hours**Sub-unit 11.1   Statistical Inference in Python**

11 Hours



Statistical Thinking in Python, Part 1

4 Hours



Intro to Statistical Inference and Statistical Modelling in ...

3 Hours



Case Study - Frequentist Inference: A and B

4 Hours

**Sub-unit 11.2   Data Visualization in Python**

4 Hours



Introduction to Data Visualization in Python

4 Hours

**Sub-unit 11.3   Hypothesis Testing in Python**

9 Hours



Statistical Thinking in Python, Part 2

5 Hours



Case Study - Integrating Apps

4 Hours

**Sub-unit 11.4   Statistical Modeling in Python**

4 Hours



Case Study - Linear Regression
















4 Hours










































Case Study - Boston Housing



















OPTIONAL





















6 Hours


















Sub-unit 11.5	Capstone Two: EDA	10 Hours
	Exploratory Data Analysis	10 Hours
Sub-unit 11.6	Wrap Up	
	HackerRank Statistics Challenge <small>OPTIONAL</small>	2 Hours
	Recap	
Total for this unit		~38 Hours
Unit 12: Effective Networking with 4 units, 1 project, 4 hours 17 minutes		
Sub-unit 12.1	Relationship Building	51 Minutes
	Reach Out, Stay in Touch and Deepen Your Connections with This...	40 Minutes
	15 Power Tips for Using Your Social Network To Find A ...	11 Minutes
Sub-unit 12.2	How to Use Meetups and Conferences to Build Your Network	25 Minutes
	How to Use Meetups to Build Your Network	10 Minutes
	The Best Data Science Conferences	15 Minutes
Sub-unit 12.3	Emailing and Etiquette	3 Hours 1 Minute
	The Best Email Scripts for Cold Emailing	10 Minutes
	Best Scripts for Cold LinkedIn Outreach	15 Minutes
	Springboard's Networking Etiquette Guide	15 Minutes
	Imposter Syndrome 1	6 Minutes
	Imposter Syndrome 2	10 Minutes
	Attend a Data Science Meetup	2 Hours
	Schedule a Call about Networking with Your Career Co...	5 Minutes
Sub-unit 12.4	Wrap Up	
	Recap	
Total for this unit		~4 Hours 17 Minutes
Unit 13: Machine Learning Overview with 3 units, 3 hours 49 minutes		

Sub-unit 13.1 Introduction to Machine Learning		2 Hours 28 Minutes
	What is Machine Learning?	20 Minutes
	ONS: Documentation on the Nature of Machine Learning	OPTIONAL 10 Minutes
	Supervised Learning vs Unsupervised Learning	10 Minutes
	Batch Learning vs Online Learning	6 Minutes
	Online Learning	12 Minutes
	Instance-Based vs Model-Based Learning	10 Minutes
	Machine Learning 101	1.5 Hours
Sub-unit 13.2 Data Scientists and Machine Learning		1 Hour 6 Minutes
	Dealing with Lack of Data	12 Minutes
	Best Practices for Feature Engineering	20 Minutes
	Overfitting and Underfitting	20 Minutes
	The Rules of Machine Learning	14 Minutes
Sub-unit 13.3 Wrap Up		15 Minutes
	Machine Learning Overview	15 Minutes
	Recap	
Total for this unit		~3 Hours 49 Minutes
Unit 14: Supervised Learning with 8 units, 4 projects, 50 hours 43 minutes		
Sub-unit 14.1 Overview of Supervised Learning		9.5 Hours
	Choosing a Machine Learning Classifier	10 Minutes
	Supervised Learning with Scikit-Learn	6 Hours
	Getting to Grips with Imbalanced Data	20 Minutes
	Classification, kNN, Cross-validation, Dimensionality R...	1 Hour 15 Minutes
	Classification, kNN, Cross-validation, Dimensionality Re...	15 Minutes





 Classification, kNN, Cross-validation, Dimensionality R...	1 Hour 15 Minutes
 Classification, kNN, Cross-validation, Dimensionality Re...	15 Minutes
 MIT Introduction to Machine Learning <small>OPTIONAL</small>	2 Hours
<b>Sub-unit 14.2 Logistic Regression</b>	<b>10 Hours 35 Minutes</b>
 Bias and Regression, Part 1	1 Hour
 Bias and Regression, Pt 1	15 Minutes
 Bias and Regression, Part 2	30 Minutes
 Bias and Regression, Pt 2	15 Minutes
 Bias and Regression, Part 3	1 Hour
 Bias and Regression, Pt 3	15 Minutes
 Regression, Part 1	1 Hour 20 Minutes
 Regression, Pt 1	15 Minutes
 Regression, Part 2	1.5 Hours
 Regression, Pt 2	15 Minutes
 Case Study - Logistic Regression	4 Hours
<b>Sub-unit 14.3 Decision Trees</b>	<b>8 Hours</b>
 Decision Trees, Part 1	1.5 Hours
 Decision Trees, Pt 1	15 Minutes
 Decision Trees, Part 2	2 Hours
 Decision Trees, Pt 2	15 Minutes
 Case Study - RR Diner Coffee	4 Hours
<b>Sub-unit 14.4 Ensemble Methods and Random Forest</b>	<b>8 Hours</b>
 Using Random Forests in Python	45 Minutes
 Ensemble Methods	3 Hours








 Ensemble Methods Quiz	15 Minutes
 Case Study - Random Forest	4 Hours
<b>Sub-unit 14.5 Ensemble Methods: Gradient Boosting and AdaBoost</b>	<b>5 Hours 10 Minutes</b>
 Random Forest vs AdaBoost vs. Gradient Boosting	20 Minutes
 Gradient Boosting	2 Hours
 Extreme Gradient Boosting with XGBoost <small>OPTIONAL</small>	4 Hours
 Develop your first XGBoost model with Scikit Learn <small>OPTIONAL</small>	15 Minutes
 Gradient Boosting from Scratch	50 Minutes
 Case Study - Gradient Boosting	2 Hours
<b>Sub-unit 14.6 Time Series Analysis and Forecasting</b>	<b>5 Hours 40 Minutes</b>
 Time Series Analysis	1 Hour
 Data Transformation for Forecasting	30 Minutes
 Seasonal Arima with Python	10 Minutes
 Introduction to Time Series Analysis in Python	4 Hours
<b>Sub-unit 14.7 SVM &amp; Kernels</b>	<b>3 Hours 48 Minutes</b>
 Overview of SVM	30 Minutes
 SVM and Evaluation	3 Hours
 SVM with Polynomial Kernel Visualization	3 Minutes
 Linear Discriminant Analysis	15 Minutes
<b>Sub-unit 14.8 Wrap Up</b>	
 HackerRank Supervised Learning challenges <small>OPTIONAL</small>	2 Hours
 Recap	
<b>Total for this unit</b>	<b>~50 Hours 43 Minutes</b>
<b>Unit 15: Unsupervised Learning</b> with 8 units, 3 projects, 24 hours 45 minutes	






Sub-unit 15.1 Overview of Unsupervised Learning		1 Hour 20 Minutes
	Clustering Harvard Lecture, Part 1	25 Minutes
	Clustering, Pt 1	15 Minutes
	An Introduction to Clustering Algorithms: Part 1	20 Minutes
	A Tutorial on Clustering Algorithms, Part 1	20 Minutes
Sub-unit 15.2 Euclidean & Manhattan Distances		2 Hours 15 Minutes
	Euclidean & Manhattan Distances Explained	15 Minutes
	Case Study - Calculating Distances	2 Hours
Sub-unit 15.3 k-means Clustering		3 Hours 45 Minutes
	Clustering Harvard Lecture, Part 2	25 Minutes
	Clustering, Pt 2	15 Minutes
	Unsupervised Learning in Python, Part 1	1.5 Hours
	A Tutorial on Clustering Algorithms, Part 2	1 Hour
	Clustering Harvard Lecture, Part 3	20 Minutes
	Clustering, Pt 3	15 Minutes
	Jake VanderPlas on k-means <small>OPTIONAL</small>	1.5 Hours
Sub-unit 15.4 Agglomerative Hierarchical Clustering		7 Hours 25 Minutes
	Clustering Harvard Lecture, Part 4	40 Minutes
	Clustering, Pt 4	15 Minutes
	Unsupervised Learning in Python, Part 2	4 Hours
	A Tutorial on Clustering Algorithms, Part 3	1.5 Hours
	Different Clustering Methods, and When to Use Them	1 Hour
Sub-unit 15.5 Cosine Similarity		2 Hours 45 Minutes
	Cosine Similarity - Understand the Math	45 Minutes
	Case Study - Cosine Similarity	2 Hours

















Sub-unit 15.6 Principal Components Analysis			7 Hours 15 Minutes
	A One-Stop Shop for Principal Components Analysis		1.5 Hours
	PCA Explained Visually		45 Minutes
	Case Study - Customer Segmentation using Clustering: K-means		5 Hours
Sub-unit 15.7 Singular Value Decomposition			
	Singular Value Decomposition (SVD) & Principal Component An...	OPTIONAL	30 Minutes
	How are Principal Component Analysis and Singular Value Decom...	OPTIONAL	40 Minutes
Sub-unit 15.8 Wrap Up			
	Bond Clustering Hackerrank challenge	OPTIONAL	2 Hours
	Recap		
Total for this unit			~24 Hours 45 Minutes
Unit 16: Feature Engineering with 4 units, 1 project, 15 hours 15 minutes			
Sub-unit 16.1 Categorical, Text, & Image Features			4 Hours 45 Minutes
	Handling Categorical Data for Machine Learning		30 Minutes
	Feature Engineering for Machine Learning in Python, P...		1.5 Hours
	Text Mining in Python		30 Minutes
	Feature Engineering for Machine Learning in Python		1.5 Hours
	The Histogram of Gradients Method for Feature Engineer...		45 Minutes
	Image Processing in Python	OPTIONAL	1.5 Hours
Sub-unit 16.2 Feature Engineering Implementation			7.5 Hours
	Feature Engineering for Machine Learning in Python, P...		3 Hours
	Dealing with Missing Data in Python: Value Imputation	OPTIONAL	2 Hours
	Deep Feature Synthesis: How Automated Feature Engi...		15 Minutes
	Automated Feature Engineering		15 Minutes





















 Automated Feature Engineering with Featuretools	4 Hours
<b>Sub-unit 16.3 Capstone Two: Pre-processing &amp; Training Data Development</b>	3 Hours
 Capstone Two - Pre-processing and Training Data Development	3 Hours
<b>Sub-unit 16.4 Wrap Up</b>	
 Text Manipulation in Python <small>OPTIONAL</small>	2 Hours
 Recap	
<b>Total for this unit</b>	<b>~15 Hours 15 Minutes</b>

<b>Unit 17: Informational Interviews</b> with 2 units, 1 project, 7 hours 12 minutes	
<b>Sub-unit 17.1 Informational Interviews</b>	7 Hours 12 Minutes
 Informational Interviewing with Steve Dalton	15 Minutes
 How to Be Awesome at Informational Interviews	15 Minutes
 Building Your Professional Relationships	30 Minutes
 7 Questions You Can't Leave an Informational Interview...	7 Minutes
 Conduct Informational Interviews	6 Hours
 Schedule a check-in call with your Career Coach	5 Minutes
<b>Sub-unit 17.2 Wrap Up</b>	
 Recap	
<b>Total for this unit</b>	<b>~7 Hours 12 Minutes</b>

<b>Unit 18: Machine Learning Applications</b> with 4 units, 3 projects, 27 hours 3 minutes	
<b>Sub-unit 18.1 Model Evaluation</b>	2 Hours 10 Minutes
 Machine Learning Model Metrics	50 Minutes
 Regression Evaluation Metrics	15 Minutes
 Classification Evaluation Metrics	15 Minutes
 Machine Learning Model Metrics Quick Reference	10 Minutes
 Model Evaluation Metrics	40 Minutes

Sub-unit 18.2 Model Optimization		9 Hours 53 Minutes
	Parameters Versus Hyperparameters	15 Minutes
	Hyperparameter Tuning	1 Hour
	Grid Search and Random Search	8 Minutes
	Grid Search in KNN	4 Hours
	Bayesian Optimization	30 Minutes
	Bayesian Optimization	4 Hours
Sub-unit 18.3 Capstone Two: Modeling		15 Hours
	Capstone Two - Modeling	15 Hours
Sub-unit 18.4 Wrap Up		
	Recap	
Total for this unit		~27 Hours 3 Minutes
Unit 19: Find the Right Job Title and Companies with 4 units, 4 projects, 18 hours 42 minutes		
Sub-unit 19.1 The Right Job Titles		6 Hours 10 Minutes
	How to Find the Right Job Titles	10 Minutes
	Find 2-3 Job Titles	6 Hours
Sub-unit 19.2 The Right Companies		8 Hours 10 Minutes
	How to Find the Right Companies	10 Minutes
	Identify 40-50 Dream Companies	8 Hours
Sub-unit 19.3 Choose Your Track		4 Hours 22 Minutes
	Overview of Tracks	7 Minutes
	Which Track is Right for You?	10 Minutes
	Schedule a call with your Career Coach to review job tit...	5 Minutes
	Attend a Networking Event or Informational Interview	4 Hours

Sub-unit 19.4    Wrap Up	
 Recap	
Total for this unit	~18 Hours 42 Minutes
Unit 20: Data Storytelling      with 5 units, 3 projects, 36 hours 23 minutes	
Sub-unit 20.1    Data Storytelling 101	4 Hours 50 Minutes
 Choose Your Track	
 The History of Data Storytelling	15 Minutes
 Storytelling through Exploratory Data Analysis	2 Hours
 Show Me The Data!	15 Minutes
 Storytelling and Effective Communication	2 Hours
 The STAR Method	20 Minutes
 Storytelling and Effective Communication Exercise    OPTIONAL	2 Hours
Sub-unit 20.2    Presenting Your Work	2 Hours 3 Minutes
 Creating an Engaging Story	1 Hour
 Avoiding Death By PowerPoint	30 Minutes
 Three Types of Presentations: Executive, Technical, & ...	10 Minutes
 Presenting to an Executive	8 Minutes
 Presenting to Technical Audiences	10 Minutes
 Presenting to Non-technical Audiences	5 Minutes
Sub-unit 20.3    Apply Your Storytelling Skills	4.5 Hours
 Choosing the Right Visualizations for Your Story	30 Minutes
 Craft a Story from a Dataset	4 Hours
Sub-unit 20.4    Capstone Two: Documentation	25 Hours
 Capstone Two - Final Project Report	15 Hours
 Capstone Two - Final Presentation	10 Hours

Sub-unit 20.5    Wrap Up



Recap

Total for this unit

~36 Hours 23 Minutes

Unit 21: Specializations      188 hours 54 minutes