

Week	W/S Day	W/S Date	Class Day	Class Date	Weekly Topics	Online Lecture (Recorded) & read associated textbook chapters or assigned supplemental materials	Online Workshop (Recorded)	Online Session (Live) Thrusdays 12 noon - 3:30pm (length may be less based on assigned recordings)	Quizzes	Installations (due for class workshop)
1	Mon	05/04/20	Thu	05/07/20	<ul style="list-style-type: none">• Course Overview• Business Demand & Shortcomings for Data (Ch 1-3)• Architecture High-Level Overview (Ch 4-7)			<ul style="list-style-type: none">• Course Overview• Business Demand & Shortcomings for Data• Architecture High-Level Overview		<ul style="list-style-type: none">• Microsoft Power BI• Microsoft SQL Server 2019 Dev Ed• MySQL
2	Mon	05/11/20	Thu	05/14/20	<ul style="list-style-type: none">• Dimensional Modeling• Data Profiling	<ul style="list-style-type: none">• Ch 09 Dimensional Modeling• Ch 08 Foundational Modeling (ER Modeling) - Review only	to be filled in	<ul style="list-style-type: none">• Review concepts & hands-on: workshop	<ul style="list-style-type: none">• Ch 09	<ul style="list-style-type: none">• Oracle 11g xe• ER/Studio
3	Mon	05/18/20	Thu	05/21/20	<ul style="list-style-type: none">• BI Dimensional Modeling	<ul style="list-style-type: none">• Ch 10 BI Dimensional Modeling	to be filled in	None: Memorial Day Weekend		<ul style="list-style-type: none">• PostgreSQL
4	Mon	05/25/20	Thu	05/28/20	<ul style="list-style-type: none">• Data Architecture• Data Governance, Privacy & Security	<ul style="list-style-type: none">• Ch 06 Data Architecture	to be filled in	<ul style="list-style-type: none">• Data Architecture• Data Governance, Privacy & Security• Review concepts & hands-on: workshop	<ul style="list-style-type: none">• Ch 10	<ul style="list-style-type: none">• Alteryx
5	Mon	06/01/20	Thu	06/04/20	<ul style="list-style-type: none">• Data Integration• Data Preparation	<ul style="list-style-type: none">• Ch 11 Data Integration Design & Development	to be filled in	<ul style="list-style-type: none">• Review concepts & hands-on: workshop	<ul style="list-style-type: none">• Ch 06• SQL Pass/Fail	<ul style="list-style-type: none">• Talend
6	Mon	06/08/20	Thu	06/11/20	<ul style="list-style-type: none">• Data Integration• Data Quality, Master Data Management (MDM)	<ul style="list-style-type: none">• Ch 12 Data Integration Processes	to be filled in	<ul style="list-style-type: none">• Review concepts & hands-on: workshop	<ul style="list-style-type: none">• 11, 12• Ch 08 Pass/Fail	
7	Mon	06/15/20	Thu	06/18/20	<ul style="list-style-type: none">• BI Applications• Defining requirements	<ul style="list-style-type: none">• Ch 13 BI Applications• Ch 03 Defining requirements	to be filled in	<ul style="list-style-type: none">• Review concepts & hands-on: workshop	<ul style="list-style-type: none">• Ch 13	<ul style="list-style-type: none">• Tableau
8	Mon	06/22/20	Thu	06/25/20	<ul style="list-style-type: none">• BI Design & Development	<ul style="list-style-type: none">• Ch 14 BI Design & Development	to be filled in	<ul style="list-style-type: none">• Midterm Exam• BI Design workshop	<ul style="list-style-type: none">• Midterm Exam	
9	Mon	06/29/20	Thu	07/02/20	<ul style="list-style-type: none">• BI Design & Development (more)		to be filled in	None: July 4th Weekend		
10	Mon	07/06/20	Thu	07/09/20	<ul style="list-style-type: none">• BI Design & Development (more)• Data Shadow Systems	<ul style="list-style-type: none">• Ch 16 Data Shadow Systems	to be filled in	<ul style="list-style-type: none">• Review concepts & hands-on: workshop	<ul style="list-style-type: none">• Ch 16 & Supplemental Mat'ls	
11	Mon	07/13/20	Thu	07/16/20	<ul style="list-style-type: none">• Advanced Analytics	<ul style="list-style-type: none">• Ch 15 Advanced Analytics (Architecture)	to be filled in	<ul style="list-style-type: none">• Review concepts & hands-on: workshop	<ul style="list-style-type: none">• Ch 15 & Supplemental Mat'ls	<ul style="list-style-type: none">• Google BigQuery (TBD ?)• Azure SQL
12	Mon	07/20/20	Thu	07/23/20	<ul style="list-style-type: none">• Analytics & Data Visualizations matching requirements• Data Engineering	<ul style="list-style-type: none">• Analytics• Data Engineering	to be filled in	<ul style="list-style-type: none">• Review concepts & hands-on: workshop		
13	Mon	07/27/20	Thu	07/30/20	<ul style="list-style-type: none">• Data Engineering	<ul style="list-style-type: none">• Data Engineering	to be filled in	<ul style="list-style-type: none">• Preliminary Final Project Review• Review concepts & hands-on: workshop		
14	Mon	08/03/20	Thu	08/06/20	<ul style="list-style-type: none">• Data Engineering			<ul style="list-style-type: none">• Final Exam• Course Review	<ul style="list-style-type: none">• Final Exam	
15	Mon	08/10/20	Thu	08/13/20	Final Project Submission & Review			Final Project (Due Tue 8/12) (Wed-Sat Presentations)		

Business Intelligence Guidebook: From Data Integration to Analytics
Author: Rick Sherman (your instructor)
Publi Pul Publis Publi; Publisher: Morgan Kaufmann; 1st edition (November 21, 2014)
ISBN-10: 012411461X ISBN-13: 978-0124114616