

AGENDA



Data Analytics Trainer Workshop

October 25-26, 2018

Day One

Time	Topics
8:00–8:30 a.m.	Registration
8:30 –9:00 a.m.	Welcome & Introductions <ul style="list-style-type: none">• Review of pre-work completion and CEUs
9:00 –9:30 a.m.	Module 1: Introduction to Data Analytics <ul style="list-style-type: none">• Define data analytics• Explain data types• Describe descriptive and inferential statistics
9:30-10:30 a.m.	Module 2: Data Analytic Tools <ul style="list-style-type: none">• Describe the data dictionary• Recognize databases used in healthcare• Explain statistical software
10:30 - 10:45 a.m.	BREAK
10:45 -11:30 a.m.	Module 3: Databases <ul style="list-style-type: none">• Review database terminology• Identify relational databases• Define cardinality
11:30 - 12:00 p.m.	Module 4: Working with Healthcare Data <ul style="list-style-type: none">• Explore data mining techniques• Review common healthcare reimbursement factors• Depict utilization pattern analysis
12:00 - 1:00 p.m.	LUNCH
1:00–1:45 p.m.	Module 5: Working with External Data <ul style="list-style-type: none">• Evaluate benchmarking processes• Promote the use of dashboards in healthcare• Discover external sources of data
1:45-2:15 p.m.	Module 6: Working with Excel <ul style="list-style-type: none">• Explain the installation of Microsoft Data Analysis ToolPak• Review the Microsoft Data Analysis ToolPak• Discuss the use of the Microsoft Data Analysis ToolPak
2:15-2:30 p.m.	BREAK
2:30-2:45 p.m.	Assignment of Teaching Demonstrations and Peer Review Process <ul style="list-style-type: none">• Each attendee is assigned a topic to develop a teaching demonstration for day 2• Presentations will be based on content of <i>A Practical Approach to Analyzing Healthcare Data, third edition</i>.• Review of evaluation tool
2:45-4:15 p.m.	Attendees to Begin Creation of Teaching Demonstrations <ul style="list-style-type: none">• Attendees begin the creation of assigned teaching demonstrations. Faculty available for questions.
4:15-4:30 p.m.	Wrap-Up

Day 1 –6.5 CEUS

Data Analytics Trainer Workshop

Day Two

Time	Topics
8:00 -8:45 a.m.	Data Analytics Trainer Curriculum Overview <ul style="list-style-type: none">• Review curriculum• Review trainer requirements
8:45 -9:30 a.m.	Adult Learning Principles <ul style="list-style-type: none">• Determine your learning style• Methods of teaching/learning• Learning styles• Steps for training success
9:30- 9:45 a.m.	BREAK
9:45-12:00 p.m.	Teaching Demonstrations <ul style="list-style-type: none">• Each attendee will present their assigned topic. Evaluations completed concurrently. Summary of evaluations will be provided within 5 business days following the workshop.
12:00 -1:00 p.m.	LUNCH
1:00 -2:30 p.m.	Teaching Demonstrations <ul style="list-style-type: none">• Each attendee will present their assigned topic. Evaluations completed concurrently. Summary of evaluations will be provided within 5 business days following the workshop.
2:30 -2:45 p.m.	BREAK
2:45-4:30 p.m.	Assessment <ul style="list-style-type: none">• Attendees to complete a 90-question assessment.• Open book and open note• 70% passing score

Day 2–6.5 CEUS