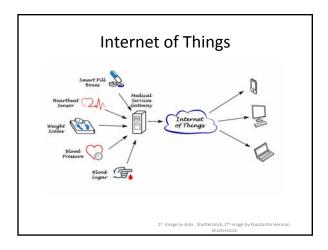


Objectives

At the completion of the session, the participants will be able to:

- Describe an approach used to build a workforce knowledgeable in data analytics at an health care organization
- 2. Identify publicly available resources that health care organizations can leverage to deliver training in a cost effective manner



Background

- Health data analytics number one training need
- Manage and harness the tsunami of health data available



Image by Andrey Popov,

Office of the National Coordinator (ONC) for Health Information Technology, Bellevue College and Department of Veterans Affairs (VA)





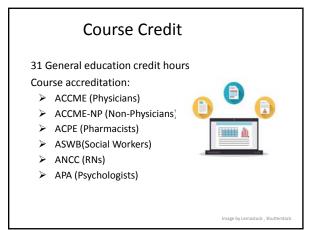
Target Audience



Image by Rawpixel, Shutterstoo

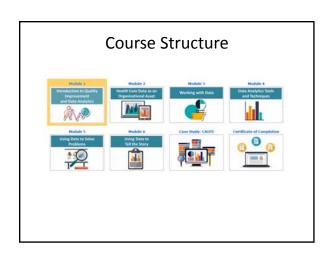
Course Objectives

- Discuss the role of data analytics in health care quality and performance improvement efforts
- 2. Describe tools and techniques used for data analytics in health care organizations
- 3. Identify techniques to communicate insights gained from data analysis









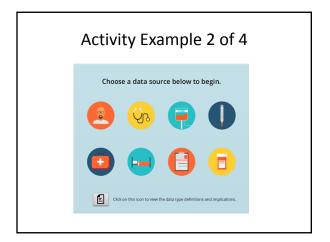
Course Content & Activities

Course Format:

- Voice over PowerPoint video lectures, quizzes, questionnaires and online discussion forums as well as individual activities
- Course accessible from any PC or mobile device with Internet access 24/7
- Course work is asynchronous

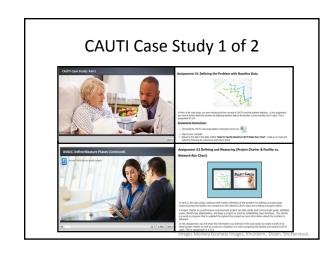


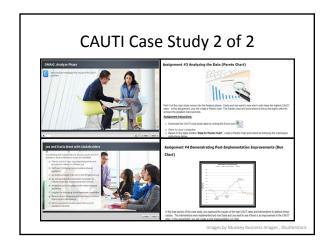
Data Types This activity will help you grasp and retain characteristics of different data types.



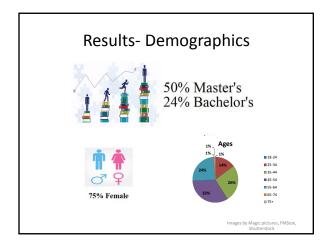








Results		
Course	Course completion	Post course evaluation
Fall 2016	353	334 (95%)
Spring 2017	591	556 (94%)
Total	944	890 (94%)





Results-Level 3 Evaluation

Job Impact/Job Application



N=129 Response rate = 40%

Successfully utilized training 4.32 (5)

Shared content with co-workers 87%
Amount of perceived

improvement in job performance

Felt that they improved VHA strategic objectives

73%

Image by Affendi Shahidan, Shutterstock

Participants Comments (1 of 3)



"This course stood out among other analytics courses. It's approach was easy to follow and apply in a relevant work setting. The presentation was understandable regardless of whether an employee has a statistical background. The course itself presented the material in a wonderfully engaging method."

Images by Zaur Rahimov, Stokkete, Shutterstock

Participants Comments (2 of 3)



Application of knowledge gained:

"I created a database for tracking beneficiary travel clerk productivity, resulting in the elimination of processing backlog."

Images by Zaur Rahimov, Pressmaster,

Participants Comments (3 of 3)



Application of knowledge gained:

"I learned to utilize graphs and charts to explain my written data. This class also helped me to organize my thoughts for the written portion so the data could reinforce the points and help my leadership to make more informed decisions."

> Images by Zaur Rahlmov, Yuralaits Albert Shutterstock

Barriers and Enablers

Barriers

Enablers

- ➤ Time to apply (33%)
- ➤ Resources (21%)
- ➤ Work Environment (9%)
- ➤ Motivation to apply content (83%)
- ➤ Ability to apply content (74%)
- ➤ Knowledge and Skill to apply content (73%)

Available to Public



Available at http://www.healthit.gov

Topics include (lectures and Storyline activities):

Introduction to Quality Improvement and Data Analytics Health Care Data as an Organizational Asset Working with Data Lectures Data Analysis Tools and Techniques Databases Part I Databases Part II

Data Warehouse Using Data to Solve Problems Telling the Story with Data Lectures

Guest Access to Course

- 1. Click this link: https://vatraining.remotelearner.net/course/view.php?id=314#section-
- 2. Scroll to the bottom and Click on Log in as guest button Log in as a guest

Contact Information



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- Heather Neikirk (Bellevue College)



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