

CSE41222 | UCSD Extension

Dashboards and Data Visualization for Data Analysis

Week1

Overview

https://ucsdextension.blackboard.com/bbcswebdav/pid-1961544-dt-content-rid-7120099_1/courses/116265_SU16_OL/Lessons/lec00/index.htm

Dashboards

https://ucsdextension.blackboard.com/bbcswebdav/pid-1961544-dt-content-rid-7120482_1/courses/116265_SU16_OL/Lessons/lec01/index.htm

Scorecards

https://ucsdextension.blackboard.com/bbcswebdav/pid-1961544-dt-content-rid-7120637_1/courses/116265_SU16_OL/Lessons/lec02/index.htm

Week2

Dashboards and Scorecards: Characteristics and Implementation

https://ucsdextension.blackboard.com/bbcswebdav/pid-1961545-dt-content-rid-7120751_1/courses/116265_SU16_OL/Lessons/lec03/index.htm

Key Performance Indicators

https://ucsdextension.blackboard.com/bbcswebdav/pid-1961545-dt-content-rid-7120875_1/courses/116265_SU16_OL/Lessons/lec04/index.htm

Designing KPIs

https://ucsdextension.blackboard.com/bbcswebdav/pid-1961545-dt-content-rid-7120964_1/courses/116265_SU16_OL/Lessons/lec05/index.htm

Week3

Process, Architecture and Requirements

https://ucsdextension.blackboard.com/bbcswebdav/pid-1961546-dt-content-rid-7121071_1/courses/116265_SU16_OL/Lessons/lec06/index.htm

Dashboard Design Principles

https://ucsdextension.blackboard.com/bbcswebdav/pid-1961546-dt-content-rid-7121195_1/courses/116265_SU16_OL/Lessons/lec07/index.htm

Data Visualization

https://ucsdextension.blackboard.com/bbcswebdav/pid-1961546-dt-content-rid-7121363_1/courses/116265_SU16_OL/Lessons/lec08/index.htm

Week4

Effective Visualization (Part 1-4)

https://ucsdextension.blackboard.com/bbcswebdav/pid-1961547-dt-content-rid-7121532_1/courses/116265_SU16_OL/Lessons/lec09a/index.htm

https://ucsdextension.blackboard.com/bbcswebdav/pid-1961547-dt-content-rid-7121702_1/courses/116265_SU16_OL/Lessons/lec09b/index.htm

https://ucsdextension.blackboard.com/bbcswebdav/pid-1961547-dt-content-rid-7121859_1/courses/116265_SU16_OL/Lessons/lec09c/index.htm

https://ucsdextension.blackboard.com/bbcswebdav/pid-1961547-dt-content-rid-7122017_1/courses/116265_SU16_OL/Lessons/lec09d/index.htm

Week5

Dashboard Design and Visualization Tips

https://ucsdextension.blackboard.com/bbcswebdav/pid-1961548-dt-content-rid-7122119_1/courses/116265_SU16_OL/Lessons/lec10/index.htm

Dashboard Design Mistakes

https://ucsdextension.blackboard.com/bbcswebdav/pid-1961548-dt-content-rid-7122285_1/courses/116265_SU16_OL/Lessons/lec11/index.htm

Week6

Design Problems for Real-Time Operational Dashboards

https://ucsdextension.blackboard.com/bbcswebdav/pid-1961549-dt-content-rid-7122487_1/courses/116265_SU16_OL/Lessons/lec12/index.htm

Best Practices – Dashboard and Scorecards

https://ucsdextension.blackboard.com/bbcswebdav/pid-1961549-dt-content-rid-7122640_1/courses/116265_SU16_OL/Lessons/lec13/index.htm