Designing & Running Micro-Credential Programs

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Digital emblem which symbolizes skills and achievements

Analytics provide insight into how a program is performing

Big Data Hadoop Fundamentals

Last updated 02 Jun 2015

Details   Analytics   Insights

Explorer

This badge holder has a basic understanding of Hadoop. The badge holder can describe what Big Data is and the need for Hadoop to be able to process that data in a timely manner. The individual can describe the Hadoop architecture and how to work with the Hadoop Distributed File System (HDFS) both from the command line and using the BigInsights Console that is supplied with IBM BigInsights.

Insights shows real-time labor market data – jobs, salaries, locations.

Contains **metadata** with skills tags and accomplishments

ISSUED BY
IBM

CREATED
16 Feb 2015

SKILLS
Big Data   Hadoop

SHARE

Easy to share in **social media**: LinkedIn, Twitter, FB, blogs

What it takes to earn this badge

Satisfactory Course Completion: Hadoop Fundamentals I - v3

View Additional Information ›

Provides a **progression path** to advance commitment

Recommended Next Steps

Big Data - Fundamentals   **View Details**

Tethered to IBM to **validate and verify** achievement

Open Badges

@bryanMMathers
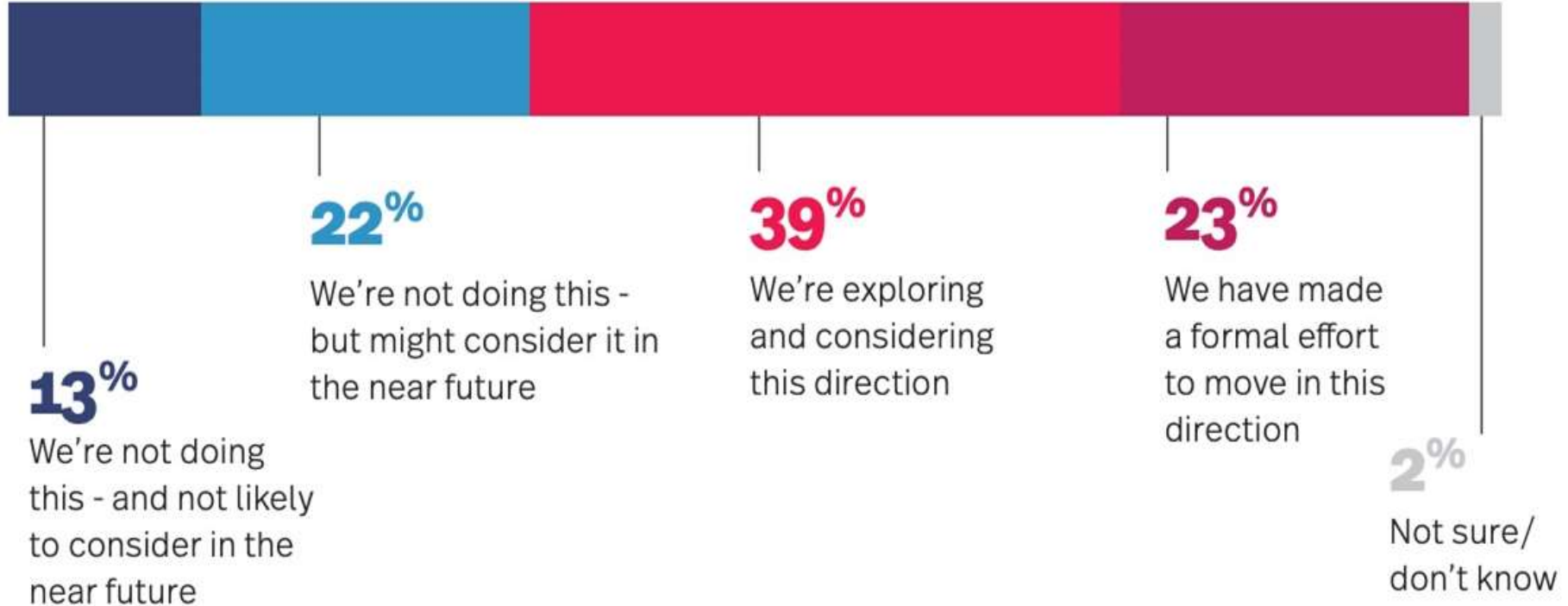
THERE'S DATA INSIDE!
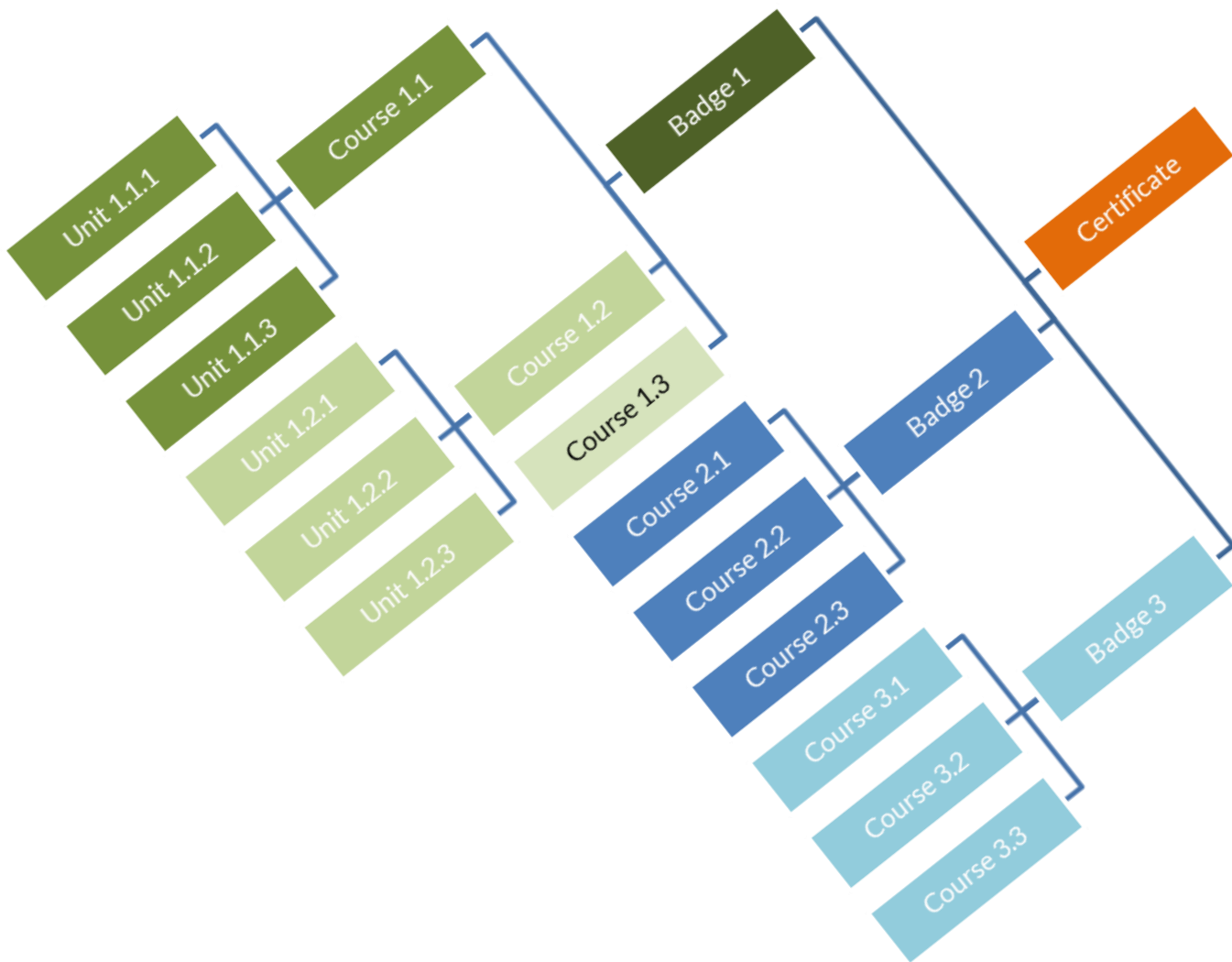
badge name
badge URL (description)
badge criteria
badge image
issuer
issue date
recipient
tags
alignment (standards)
expiration date
evidence URL

Stacking & Interleaving

1 module (2-3 hours learner effort, 0.2 CEUs)

3 modules = 1 course (7 hours, 0.7 CEUs)

3 courses = badge (20 hours, 2.0 CEUs)

3 badges = certificate of achievement (60 hours, 6.0 CEUs)

6 badges *or* 5 badges + 10-hour practicum skill demo = professional certificate (120 hours, 12.0 CEUs)

Skill-Based Hiring in the U.S, 2019

13% We're not doing this - and not likely to consider in the near future

22% We're not doing this - but might consider it in the near future

39% We're exploring and considering this direction

23% We have made a formal effort to move in this direction

2% Not sure/ don't know

- Identify credential components.

- Map meanings to each credential level and to the overall credential system.

- Craft relationships among levels & learner progress pathways through the system.

- Design credential benefits, opportunities, & rewards.

- Develop assessment/competency strategies.

- Build the tech: sharing, credentialing, back-end, interoperability.

- Develop the graphic design of credentials.

Stand Alone

Modular "Stackable"

Articulated into Degrees

Certificate Programs

K-12 School

Associate

Bachelor

Graduate

Continuing Education

Lifelong Learning

Prior Learning Assessment

Corporate or Military Training

Exams

Portfolios

UW-Madison Crosswalk for Credit & Non-Credit Credentialing

UW-Madison Curriculum Organization, Revision, and Evaluation (CORE) Project

WANT TO KNOW MORE OR KEEP IN TOUCH? I'M **@THOMASJTOBIN** ON TWITTER, OR **THOMASJTOBIN.COM**.

Handout document
https://bit.ly/Micro2022

Resources list
https://bit.ly/Resources2022