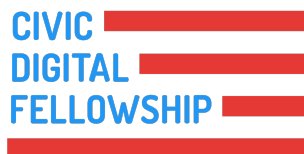# Reimagining Census Academy With Interactive Learning Experiences

Customer Liaison and Marketing Services Office
Communications Directorate

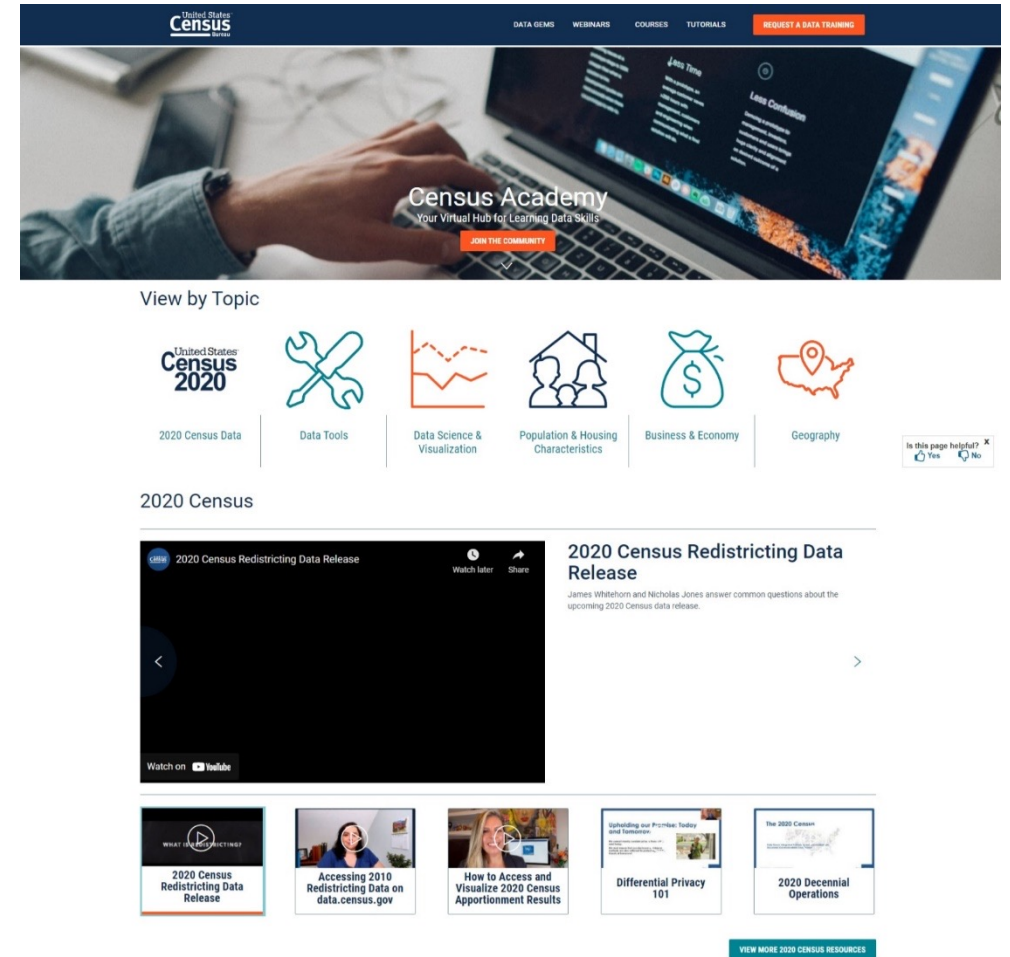Supervised by Logan Powell and Anthony Calabrese

Tommy Nguyen
Drexel University
Computer Science, Mathematics

Census Academy

- **Feasibility concerns** for more dynamic types of pages/content

- Currently **unable to support some experiences** like personal recommendations, certification, tracking learner progress

Solution

- Create Once, Publish Everywhere (COPE) Content Management System

- Re-build frontend with modern, open-source tooling

- **Provide a low-cost, low-risk platform to test new content and experiences**

Benefits

Flexible CMS

Supports varied and experimental forms of content **across multiple platforms (web, mobile, etc)**

Empowers internal team members **creativity and experience**

Modern Day Tools

Large community support

Increasing number of graduates with web development skills

Opportunities for internal team members to upskill/reskill

Low Cost

Hosting and tools provided by AWS (Amazon Web Services) **cost fractions of a penny to leverage**

Open-sourced tools that can be used for free

Moving Forward

- Iterate and build new features on top of COPE and Census Academy Rebuild

- Develop strategy on how content and code from rebuild can be integrated with current version of Census Academy

- Develop metrics and process for evaluating customer satisfaction and impact

Conclusion

special thanks to:

Coding it Forward	**U.S. Census Bureau**	**Mentors**
Rachel Dodell	Logan Powell	Lisa Chung
Ariana Soto	Anthony Calabrese	Sarah MacHarg
Erica Iniguez	Mary Leisenring	
The CDF '21 Cohort	Michael Neal Bagby	
	The COIL Team	

links:
github.com/tnguyen21/cope-frontend-mockup
github.com/loganpowell/census-academy-frontend