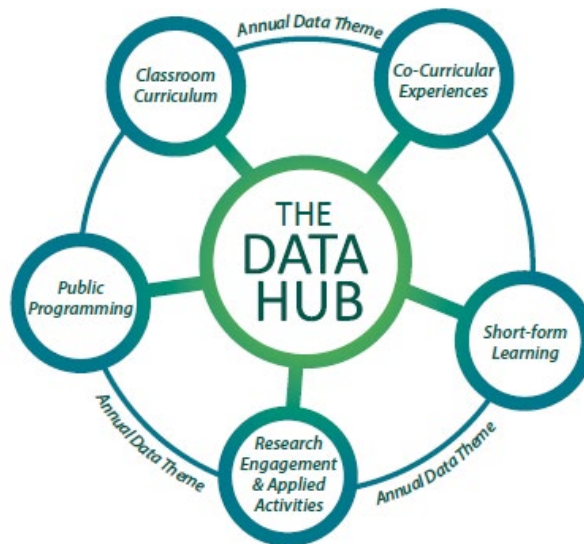DATA HUB
Tulane Center for Data Literacy

The onset of the COVID-19 pandemic and the daily reports on the statistics of the spread made clear that engaged citizens must have the ability to frame data-based arguments, communicate them clearly and persuasively, and critically evaluate the data-based arguments of others, in order make informed decisions for themselves and for their communities. These are also essential skills for future leaders in industry, politics, and academia.

Tulane University will develop a center—The Data Hub—that will serve as a central home for interdisciplinary data literacy and data science programming across the University. Through its work, The Data Hub will **1) enhance the data literacy skills of Tulane students** so that they have the ability to "critique and interpret data" that is increasingly present in their everyday life and **2) create a culture of data literacy that acknowledges and values the critical role of data in today's world** by providing resources, tools, and support that facilitate the integration of data literacy education into the curriculum, co-curricular activities, public programming, and research. This multifaceted approach to building data literacy among the Tulane community will be connected by an annual data theme.

• *Classroom Curriculum:* Offer new courses, and support faculty in modifying existing courses, to integrate the development of data literacy skills into the curriculum.

• *Short-form Learning:* Offer workshops to increase student and faculty capacity in data science, analysis, and literacy, and create learning modules that faculty can integrate into existing courses.

• *Co-Curricular Experiences:* Provide co-curricular opportunities designed to build students' data literacy skills and create opportunities for students to participate in conversations and collaborations about data that will deepen their engagement and their learning.

• *Public Programming:* Host programming that builds awareness of the increasingly significant role that data plays in shaping our environment.

• *Research Engagement & Applied Activities:* Provide grants and other support for data-intensive student projects.

As a result of participation in The Data Hub activities, students will be able to use data as the basis for rigorous judgments and/or conclusions; represent quantitative information in appropriate visual forms; recognize misleading or inappropriate representations of data; and identify the limitations of data sources and the analysis employed.

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