1. Introductions:
   - Brian Kotz welcomed everyone to the first official meeting of the Data Science Subcommittee of the AMATYC Statistics Committee.

2. Purpose:
   - Brian Kotz gave a brief history of the creation of this subcommittee. He also talked about the role that this subcommittee can play in connecting members of the subcommittee with one another as well as with external organizations involved in data science education efforts.
   - The purpose of this subcommittee is three-fold:
     - Create a community of individuals who are interested in increasing the presence of data science in two-year colleges: individuals involved in existing two-year college data science programs, individuals interested in creating new two-year college data science programs, individuals interested in created single data science courses, individuals wanting to include more data science in existing statistics courses, and so on.
     - Develop and share best practices in two-year college data science.
     - Facilitate communication between two-year college faculty interested in data science and external organizations involved in data science education efforts that are seeking input from and partnership with two-year colleges.

3. General Information:
   - Levels of data science engagement in curriculum
     - A handout was distributed that includes four levels of credit-bearing data science curriculum. Each of these four levels was discussed.
       - Infusing data science in STAT101
       - Offering DATA101 (single course)
       - Offering a Certificate
       - Offering an Associate’s Degree
   - Two-Year Colleges with credit-bearing programs
Three handouts were distributed and discussed.

- A list of two-year college programs in data science that includes the college name, location, program, contact person, and phone.
- A list of two-year college programs in data science that includes the college name, e-mail address of the contact person, and webpage URL.
- A map of credit-bearing two-year college programs in data science in the US.

- NSF funded projects involving TYC data science
  - A handout was distributed that includes five NSF funded projects involving two-year college data science. Each of these five projects was discussed.
    - Creating Pathways for Big Data Careers
      - The data science programs at Johnson County Community College and Sinclair Community College were created with the support of this project.
    - Summit on Two-Year College Data Science Curricula
      - This workshop will be held in May 2018 in Washington DC. It will bring together a diverse group of participants to make recommendations for two-year college data science programs, keeping in mind the needs of each of three student populations:
        - Those seeking employment following an associate’s degree
        - Those seeking transfer to four-year programs
        - Those seeking certificate programs and college-level courses in data science for professional development
    - Envisioning the Data Science Discipline: the Undergraduate Perspective
      - [http://sites.nationalacademies.org/cstb/currentprojects/cstb_175246](http://sites.nationalacademies.org/cstb/currentprojects/cstb_175246)
      - This NASEM study will set forth a vision for the emerging discipline of data science at the undergraduate level. Information gathering will center around two workshops. A final report will be issued following both workshops and committee deliberations setting forth a vision for undergraduate education in data science. This also includes a series of weekly webinars on various topics related to undergraduate data science education. Webinars take place Tuesdays from 3-4pm ET from September 12, 2017 to November 14, 2017.
Keeping Data Science Broad: Negotiating the Digital and Data Divide: An Education and Workforce Working Group

- [http://southbdhub.gatech.edu/datadivideworkshop.html](http://southbdhub.gatech.edu/datadivideworkshop.html)
- This project is co-sponsored by the South Big Data Innovation Hub and the Georgia Tech Institute for Data Engineering and Science. It explores the Data Divide issue by bringing together stakeholders from teaching institutions, community colleges, tribal colleges, and minority serving institutions experiencing the divide, and discussing challenges related to capacity building and capability. This project includes a mixed-format of virtual participation in two webinars and a 2-day in-person workshop event.

StatPREP

- [http://statprep.org/](http://statprep.org/)
- StatPREP is an NSF-sponsored program that provides crucial professional development in computation and data for faculty teaching introductory statistics. It is a partnership between the MAA, AMATYC, and the ASA. Past and future hub locations include Los Angeles, CA, Minneapolis/St. Paul, MN, Hartford, CT, Seattle, WA, Fort Worth, TX, Maryland / Washington DC area, Fort Meyers, FL, and Newark, NJ / New York City area.

4. Our Subcommittee’s Goals:

- A handout was distributed that includes a rough draft of proposed goals for the subcommittee. These proposed goals were discussed. The discussion included: separating the third bullet into two separate bullets (one for communication with faculty from various disciplines and one for communication with external organizations), adding curriculum development to the first bullet, and whether the fourth bullet should be modified or left as it was originally written.

- A motion was made, and seconded, that the Data Science Subcommittee of the AMATYC Statistics Committee approve the following goals. The motion carried unanimously.

The goals of the Data Science Subcommittee of the AMATYC Statistics Committee are to:

Support and maintain a community of individuals interested in increasing the presence of data science in two-year colleges (including program and curriculum development);

Develop and share best practices in two-year college data science;

Facilitate communication among two-year college faculty from various disciplines interested in data science;
Facilitate communication with external organizations involved in data science education efforts;

Actively participate in discussions defining the levels of mathematics and statistics needed in two-year college level data science curricula; and

Encourage professional development and support for the teaching and learning of data science.

5. On the Horizon (possible next steps):

- The following possible next steps were discussed.
  - Future meetings refining the communication strategy and networking strategy of the group – connecting with non-AMATYC members in our own colleges (business, computer science) and externally.
  - Evaluate and discuss current ASA partnership/resources and the role of the ASA/AMATYC Joint Committee in TYC data science efforts.
  - Discuss relationships with non-credit TYC courses (e.g. continuing education) and stackable credentials.

6. Other Business:

- It was suggested that the subcommittee consider holding electronic meetings using Zoom. AMATYC could make the technical arrangements for these Zoom meetings.