Data Analytics FT Cohort 1

What being fully engaged looks like:

- On time to class
- Not absent without prior notification

- DataCamp assignments completed **on time**
- Good team communication + participation
- Taking notes (preferably searchable notes, eg-Evernote)
- Ask questions, give feedback, communicate
- Respectful attention / engagement with *all* guest speakers
  - laptops opened ONLY for notetaking
  - ask questions

How organized are you?

Having a plan for how and where you store files will be **very** helpful. Storing files locally makes everything work more smoothly. Here's a suggested folder format:

NSS Data Analytics
- **- slides**
- **- class_notebooks**
- **- class_data**
- **- class_exercises**
- **- projects**
    - **<git clone project assignments here>**

Learning methods have been designed intentionally
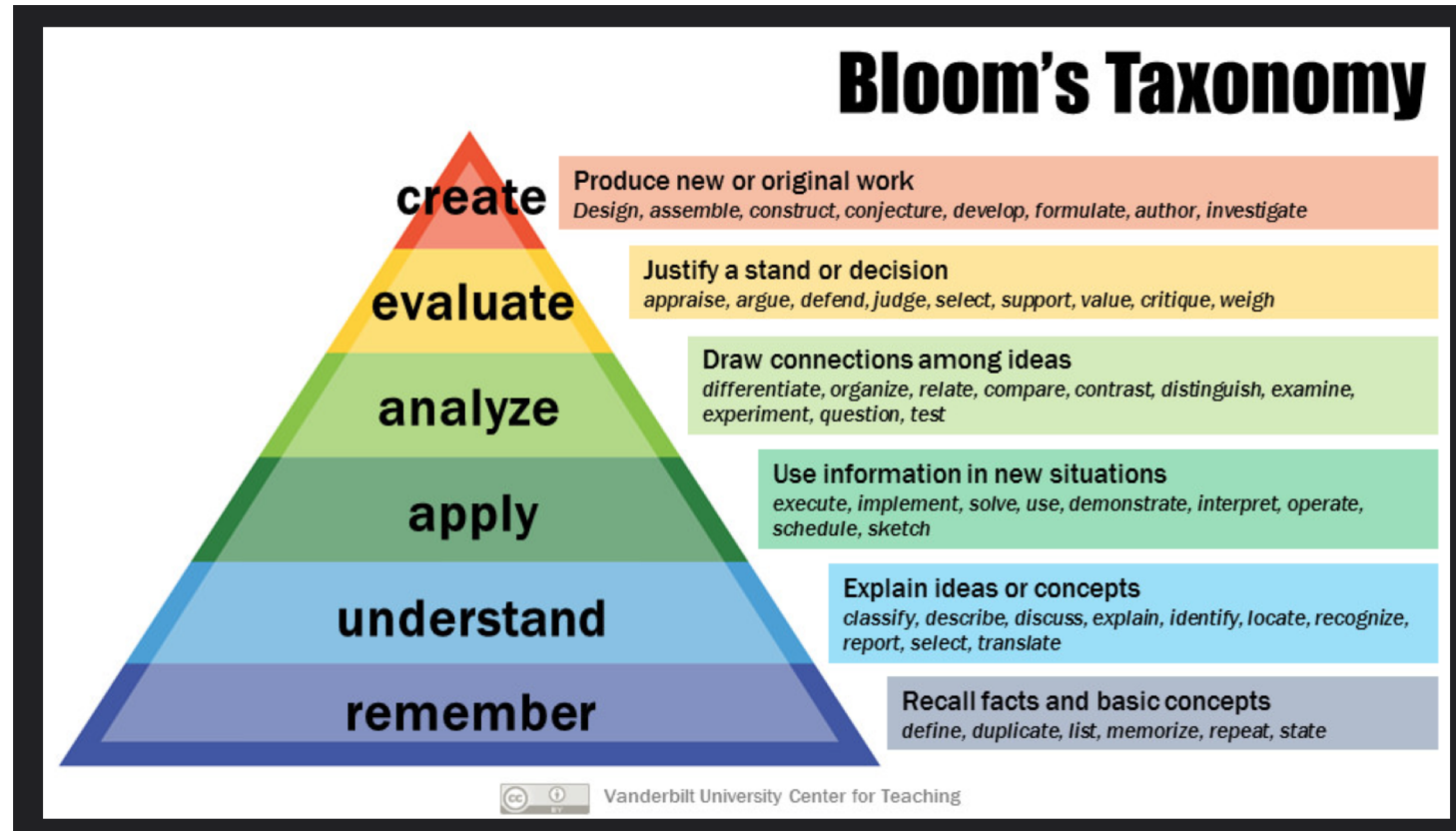
Bloom's Taxonomy

Memorization (**individual**)
Explanation (**teams**)
Application to new things (**projects**)
Analyzation / deconstruct and compare (**teams**)
Evaluation / critique, detail strengths and weaknesses (**teams**)
Creation (**capstones**)

Technologies we'll be using in the course:

1. Excel for about 3 weeks

1. SQL for about 2 weeks

1. PowerBI for about a week

1. Tableau for about a week

5. Python for Data Analysis for about 6 weeks

Capstone project (you choose the technology!)

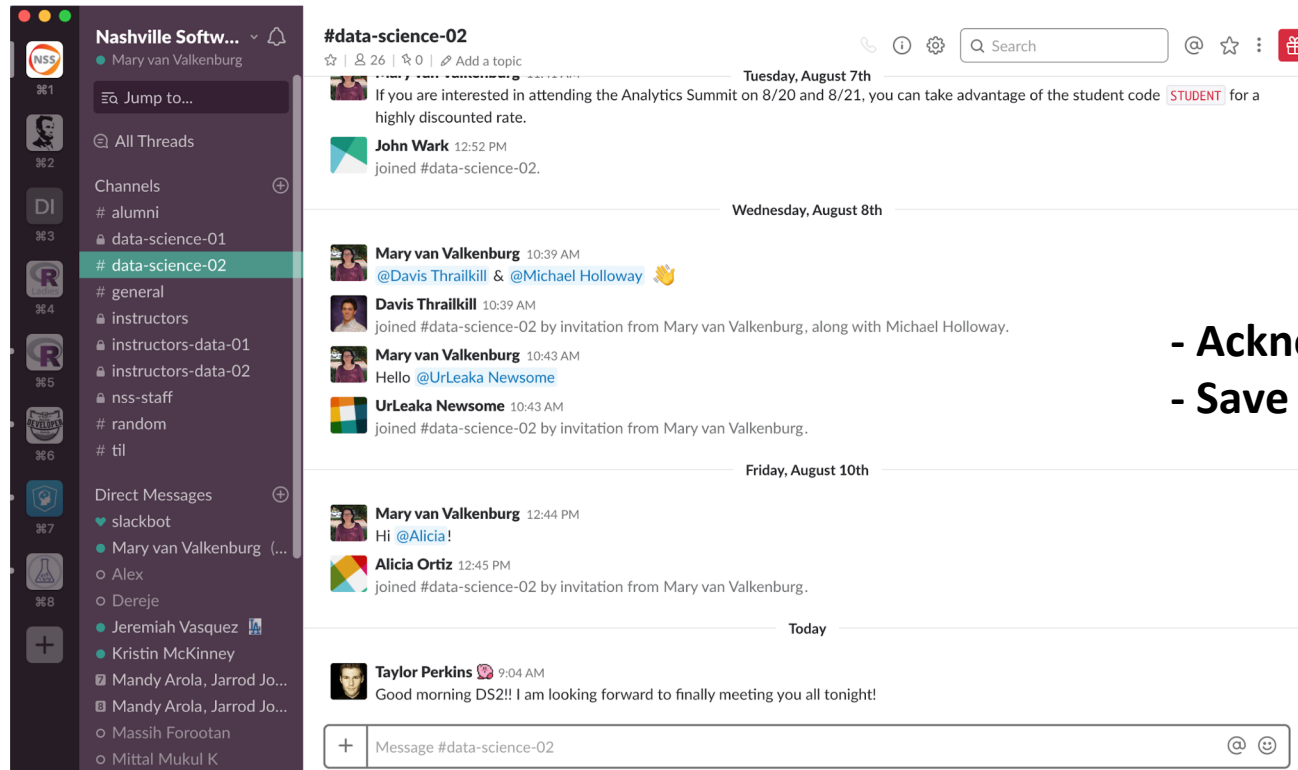# Also...an introduction to some productivity tools

Slack

Channels
- use for teamwork and class communication
- public (anyone can see)

Tags
- notify a person by typing the person's user id (starting with @)
- notify an entire channel by typing **@channel (disabled for non-admins)**
- notify only the people who are online in a particular channel with **@here (disabled for non-admins)**

Direct Messages
- communicate privately (no @ needed)

- **Acknowledge messages with :+1:** 👍
- **Save important shared items (free slack has limitations)**

Git and GitHub for tracking assignments, collaboration, and version control

Checklist for today:

1. Add a picture to your Slack profile!
2. Install git (https://git-scm.com/downloads)
3. Create a GitHub account (https://github.com/)
4. Send Mahesh a DM on Slack with your GitHub account name
5. If on MacOS – follow instructions to install VM + Windows (slides in google group) and get a license key from Mary
6. Go to https://www.office.com, sign in with your new nashss.onmicrosoft.com account and Install Office on Windows (also in the slides in google group)
7. Review: Intro to Spreadsheets (lecture and exercises)