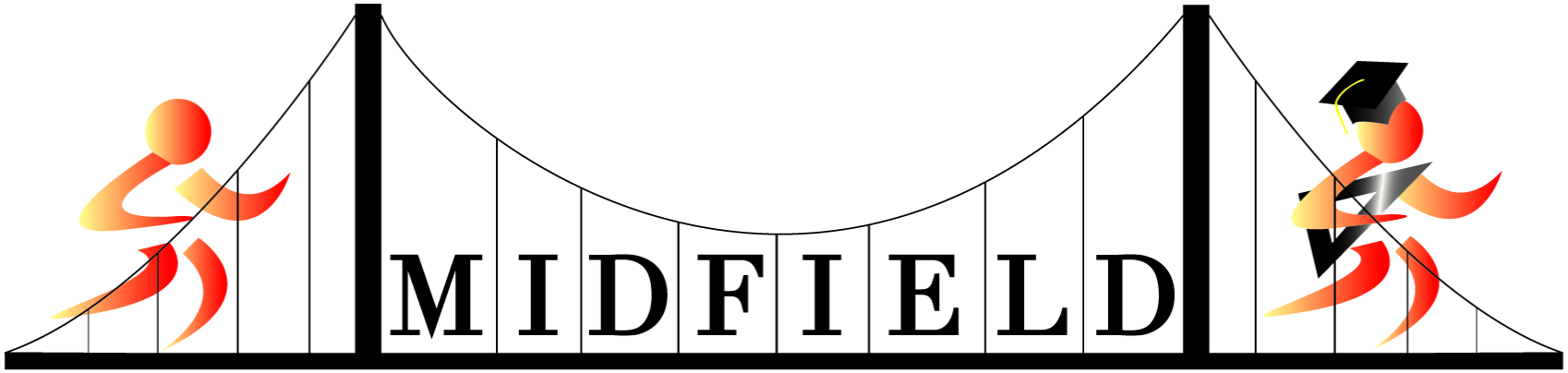

Multiple-Institution Database For Investigating Engineering Longitudinal Development

Finding Stories in the Data

In pairs, summarize a student's academic "story" using the tables

- MID2581247<u>7</u>
- MID2581895<u>0</u>
- MID2585433<u>8</u>
- MID2586070<u>9</u>
- MID2587947<u>3</u>
- MID2632101<u>9</u>
- MID2636631<u>4</u>
- MID2636654<u>0</u>

Pick a student and summarize their academic "story" using the tables

- When did they start?
- What can you tell about their demographics?
- What were their test scores?
- What major did the student start in?
- What courses did they do well in?
- Did they repeat any courses?
- Did they change majors?
- Did they graduate? How long did it take them?

Report out

- MID2581247<u>7</u>
- MID2581895<u>0</u>
- MID2585433<u>8</u>
- MID2586070<u>9</u>
- MID2587947<u>3</u>
- MID2632101<u>9</u>
- MID2636631<u>4</u>
- MID2636654<u>0</u>

Who is a student in MIDFIELD?

- Undergraduate degree-seeking students only
- First-Time-in-College and Transfer
- Full-time and Part-time
- Domestic and International
- Fall admissions and Winter/Spring/Summer admissions

How do we see the story of many students?

- Utilize data manipulation and analysis software such as:
  - SAS
  - R
  - Alteryx
  - Stata
- Excel is insufficient to open the full dataset
  - 1,048,000 row limit
- Some questions will require advanced quantitative methods