The Discovery Research Program aims to empower undergraduate researchers by connecting them to data science-driven research projects. Discovery encourages applicants from all research/technical skill levels, majors, backgrounds, and aptitudes. The majority of our available projects leverages tools and methodologies in Data Science for research inquiry in a broad range of topic areas. The scope of our program covers a diverse set of application-domain focused projects. Check here for examples.

While some background in particular computer science and data science courses, knowledge of programming languages/frameworks, or domain knowledge in specific fields are all very useful, we believe that diverse perspectives, backgrounds, and experiences are the essential qualities to impact and facilitate successful research.

Responsibilities
- Complete and adhere to a learning contract with your research partner
- Participation at the end of the semester Discovery Research Showcase
  - Presentation through a lightning-talk powerpoint or poster
- Weekly or bi-weekly meetings with your research supervisor

Position Details
- NOTE: This is position is not paid. You must participate in the program for units.
- Time commitment can range from 6-15 hours per week depending on the project.
- More information regarding available student projects to come.

Qualifications
Here are a few of the qualifications that we are looking for in an ideal candidate:
- Completion of basic programming and analytic training at the level of Data 8
- Willingness to learn and adapt to interdisciplinary domain knowledge
- Excellent interpersonal and communication skills
- Self-driven and proactive work ethic
- Demonstrated teamwork abilities
- Experience in data science, computer science, or specific research domain
- Inquisitive and critical thinking abilities to solve complex data processing or data related problems

The application will be released on November 24th, 2019. If you have questions about the application, please email ds-discovery@berkeley.edu.