



ONLINE MASTER'S IN DATA SCIENCE

Data Science Capstone Partnership

THE PROGRAM

At the University of Notre Dame, we recognize the full picture of what it takes to succeed in the field of data science. Our multidisciplinary Online Master's in Data Science program gives students the edge they need to perform at the highest levels of the field. This 21-month program culminates in the Data Science Capstone course where students will work in groups of students with industry partners to solve real data science challenges.

CAPSTONE PROJECT FAQ'S

What do we look for in a project?

Projects can range from building interactive dashboards to developing machine learning algorithms. The program develops strong skills in modeling and eliciting insight from data so projects that capitalize on these skills rather than data engineering and database construction are preferred.

What resources do the students have access to?

Students are put into groups of 5 to 6 and they have access to a variety of resources through the University. They will also be assigned a faculty mentor and will meet weekly to learn from the expertise of the faculty and their classmates.

What should I consider when brainstorming a project?

When developing possible project ideas, organizations should consider the time frame of the course. Students will have 14 weeks to complete the project, and data for projects should be readily available when the project begins. The organization should also identify a project owner who can interface with the student team and has knowledge of the business question. We can also consider selected AI implementation projects, such as a RAG proof of concept, model evaluation, or analysis of hallucinations and reliability.

Is there a cost for the capstone course?

There is no direct cost for Notre Dame Data Science Capstone projects. The program sees this as an educational opportunity for our students that is a service to our partners. Sponsors are asked to allow sufficient time resources to meet with the teams and provide the requested data.

TIMELINE

June: Call for Proposals

August: Projects Selected

September-October: NDA's

November: Data Transfer

January: Course Begins

RESOURCES

[Submit a Proposal](#)

[Set Up a Meeting with our Team](#)

[Read about the Capstone](#)

