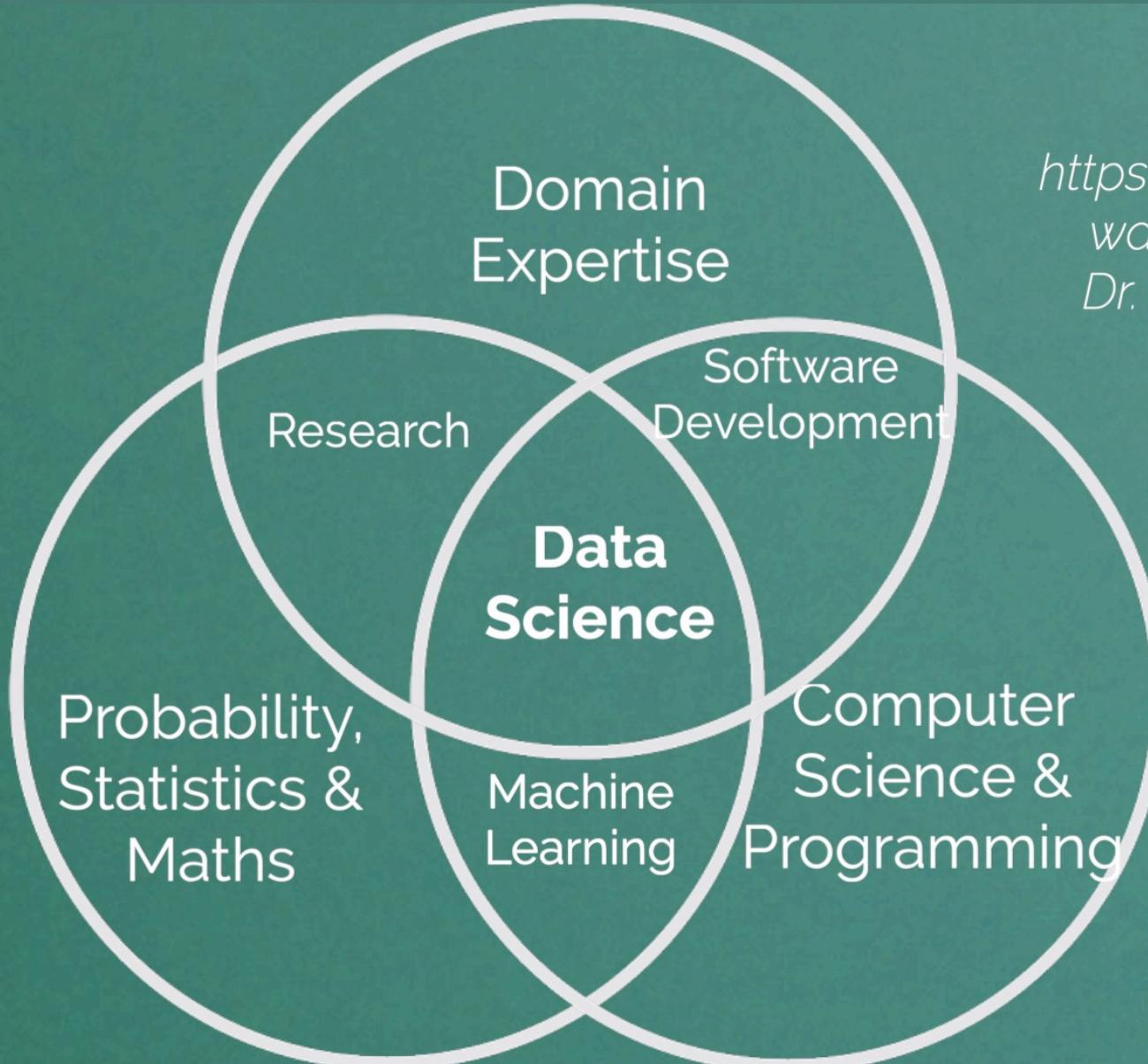


DATA SCIENCE DEFINITION

Data science is the field of study that combines domain expertise, programming skills and knowledge of mathematics and statistics to extract meaningful insights from data



Source:
<https://www.youtube.com/watch?v=zAOOkIGZU8>
Dr. Kyle Bradbury, 2018

SKILLSET FOR SUCCESSFUL DELIVERY OF DATA SCIENCE PROJECTS

PROJECT MANAGEMENT

- *Manage creation of team, timeline, and schedules*
- *Marshal resources*
- *Troubleshoot*

DATA WRANGLING

- *Find, clean, and structure data*
- *Develop and implement data and visualization systems, algorithms, and models*
- *Develop templates and systems for repeatable processes*

DATA ANALYSIS

- *Develop and test hypotheses on data and data models*
- *Find patterns and useful trends to inform business decisions*

SUBJECT EXPERTISE

- *Define business goals*
- *Develop and test hypotheses*
- *Develop non technical communication*

DESIGN

- *Develop visual communication and presentations*
- *Create templates and styles for repeatable visualization*

STORYTELLING

- *Develop stories from data and visuals*
- *Help construct presentations in story format*
- *Present to non-technical audiences*