



DATA SCIENCE

PRESENTED BY

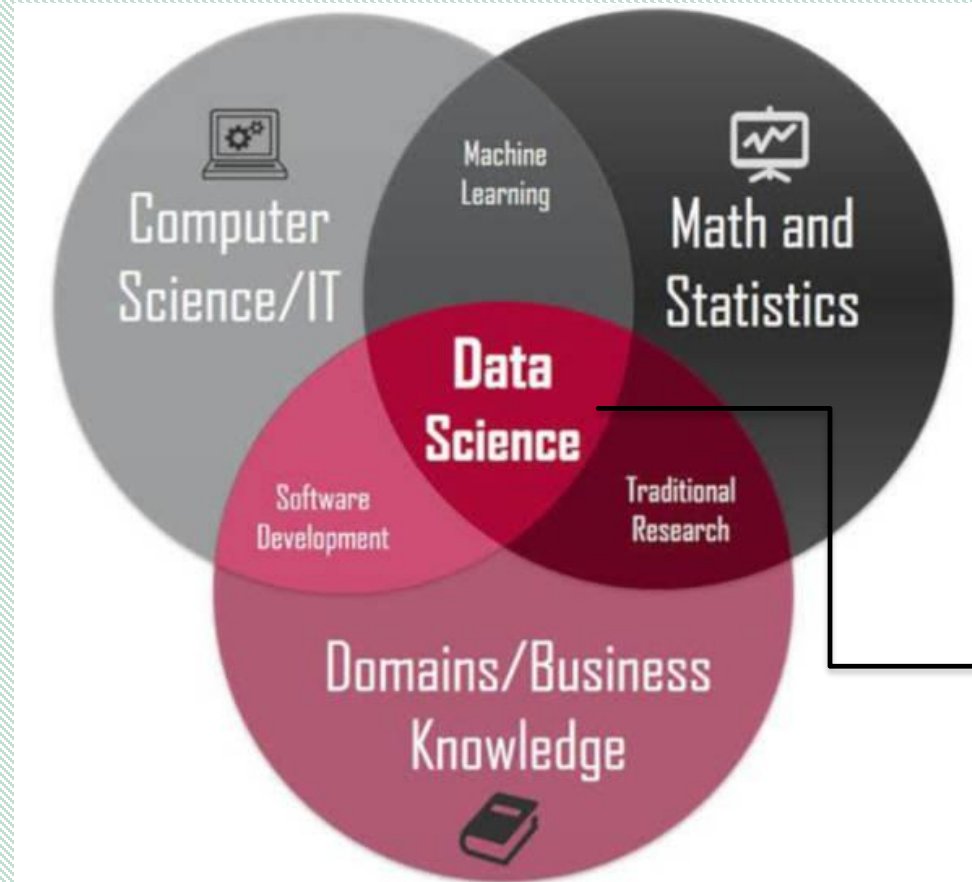
SHINY MAJUMDER (20MAI0006)

WHAT IS DATA SCIENCE ?



- ✓ Data Science is an interdisciplinary field that focuses on extracting knowledge from data sets which are typically huge in amount.
- ✓ Unification of various tools, algorithms, and machine learning techniques.
- ✓ Goal is to discover hidden patterns from the raw data.
- ✓ The field encompasses analysis, preparing data for analysis, and presenting findings to inform high-level decisions in an organization

WHERE DOES IT STAND?



Hey!
Here I
am.

CONFUSED ?



Data Science

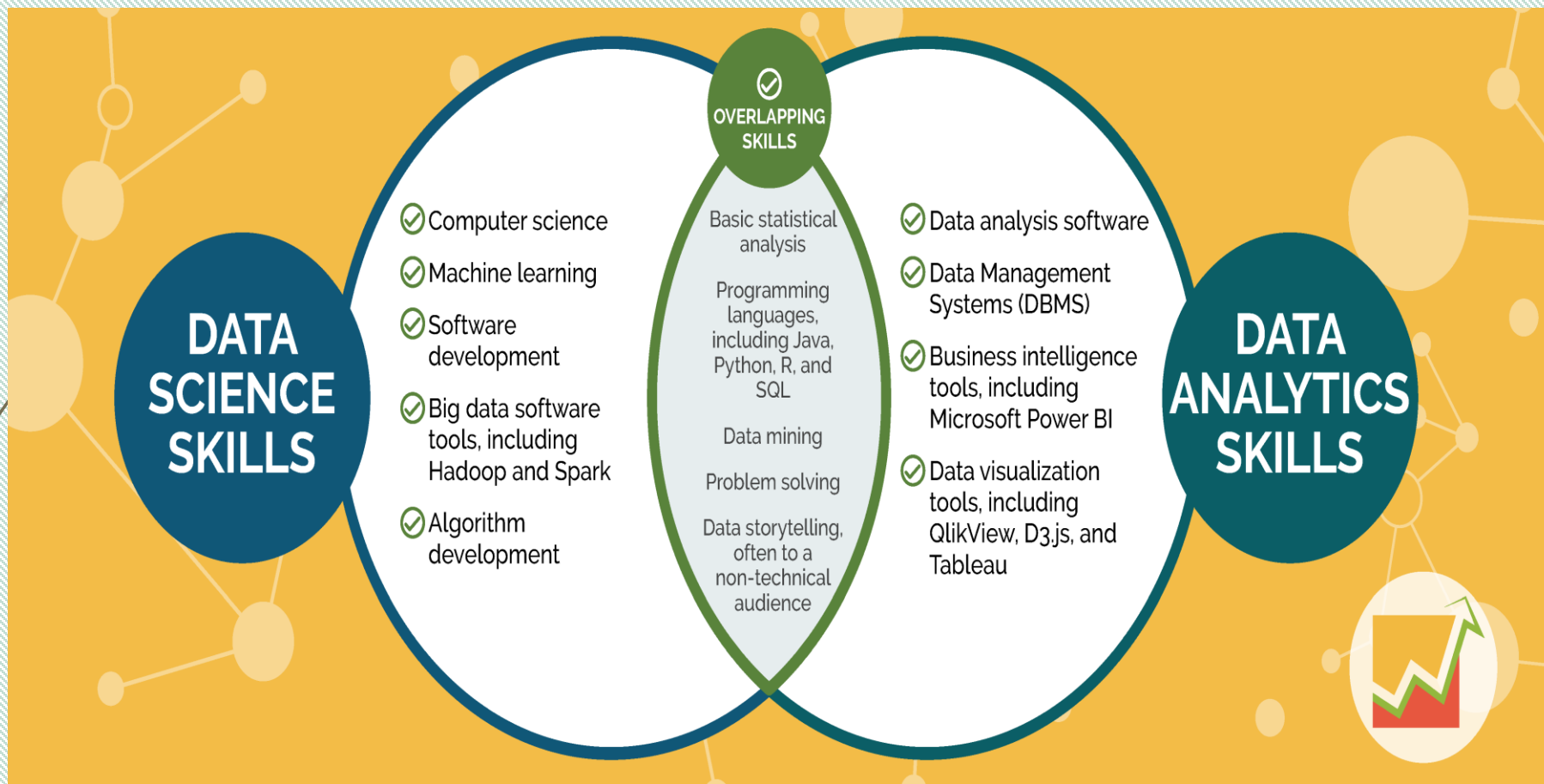


VS

Data Analytics



MISINTERPRETATION RESOLVED



LIFE CYCLE



The image represents the five stages of the data science life cycle:



APPLICATIONS

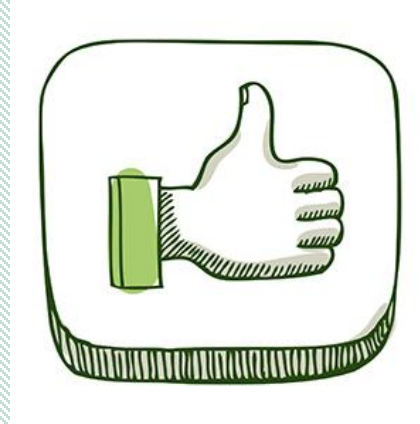


- ✓ Fraud and Risk Detection
- ✓ Healthcare
- ✓ Advanced Image Recognition
- ✓ Speech Recognition
- ✓ Gaming

Applications of Data Science in Finance



ADVANTAGES



✓ Multiple Job Options

✓ career opportunities

✓ Business benefits

✓ Hiring benefits

✓ Highly Paid jobs

✓ Exploring new trends

ADVANTAGES



DISADVANTAGES



- ✓ Implementation cost
- ✓ Data privacy concern
- ✓ Domain knowledge required
- ✓ Term is often misleading
- ✓ Sometimes hard to find data belonging to a particular field.

FUTURE SCOPE



✓ Evolving everyday



Healthcare unit



E-commerce




Automobile sectors





ACKNOWLEDGMENT



*I would like to express my special thanks to our
EDUREKA who gave me an opportunity to do a
presentation on the topic Data Science.*



Thank you!