



European Master in
Building Information Modelling

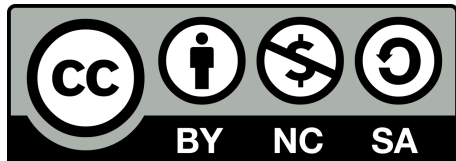
Data science

Topic 2: Fundamentals of programming

BIM A+3: Parametric Modelling in BIM

Matevž Dolenc

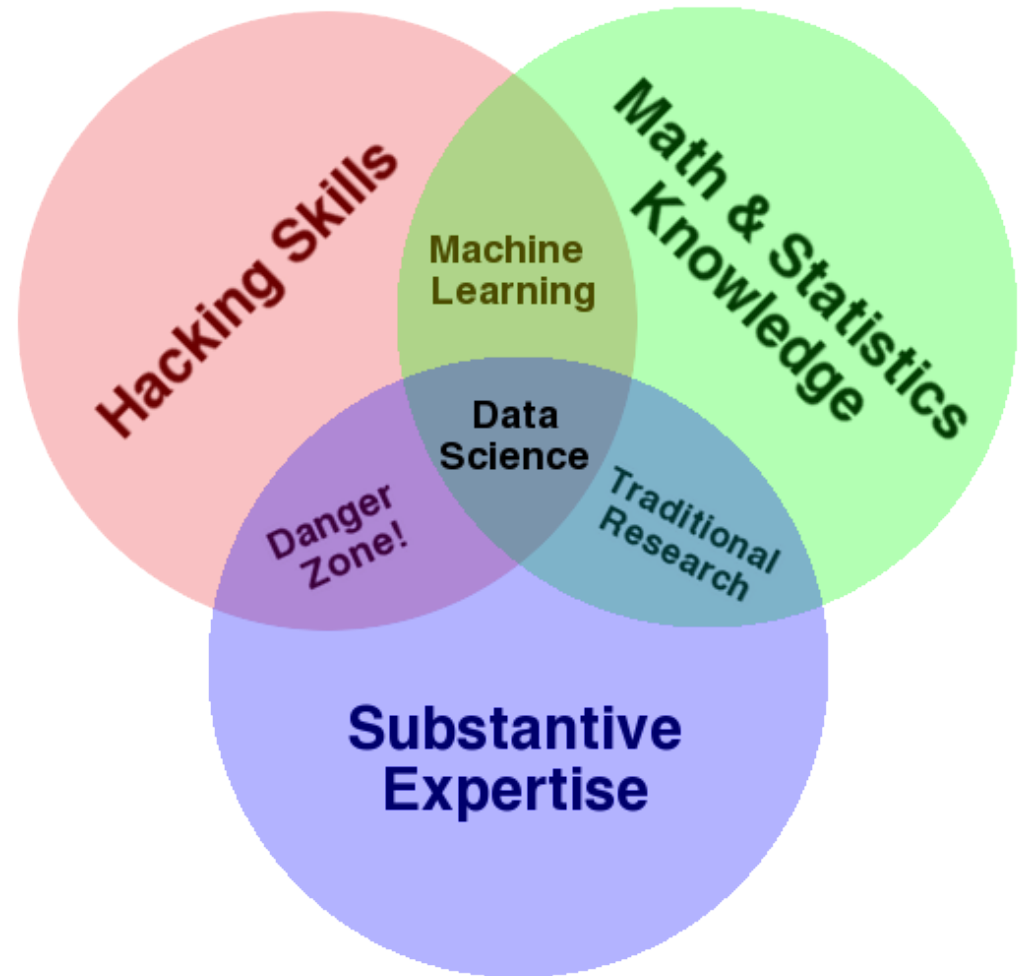
Univerza v Ljubljani



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Hacking (Programming)
+ Maths/Statistics
+ Domain Knowledge
= **Data Science**



A data scientist is simply a scientist living in 2019 and beyond

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write code

understand statistics

derive insights from

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write code

- = in Python, R, MATLAB, SQL, ...
- = for data storage, querying, summarisation, validation, ...
- = how efficiently and in time
- = where on databases, on cloud, servers, ...

and understand **enough** statistics

to derive **insights** from data

so **you** can make **decisions**