

**DON'T
DO
THESE
DATA
SCIENCE
MISTAKES**



Beginner mistakes

- Spending a lot of time on theory.
- Jumping directly into coding ML algorithms without learning the prerequisites.
- Thinking to build the future without knowing the basics.
- Not spending enough time on exploring and visualizing the data
- Focusing on accuracy over understanding how the model works.
- Assuming the algorithm is more important than domain knowledge
- Not having a structured approach to problem-solving
- Learning multiple tools at once.
- Not learning/working consistently
- Less communication
- Not Looking Up Effectively Or Asking For Additional Help

Intermediate mistakes

- Data Leakage
- Sampling Bias
- Too many redundant features
- Bad Coding style
- Unavailability of features in future
- Not performing proper testing
- Not Choosing the Right Model- Validation Frequency
- Choosing the wrong tool to visualize
- Paying Attention Only to Data
- Building a Model on the Wrong Population
- Ignoring the probabilities
- Data Analysis without a Question / Plan
- Don't Sell Well