Introduction to Machine Learning and Big Data Exercise 03

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Machine Learning

Checklist

	Traine the problem and look at the big picture
\boxtimes	Get the data
	Explore the data to gain insights
\boxtimes	Prepare the data to better expose the underlying data
	patterns to machine learning algorithms
	Explore many different models and shortlist the best ones
	Fine-tune your models and combine them into a great solution
	Present your solution
	Launch, monitor, and maintain your system

Frame the problem and look at the hig picture

Home Work Assignment

- take one of the datasets out of the group work exercise (not too big, should be a table (csv))
- explore the data like with the californian housing prices
- present your findings now (20 mins total)

We continue where we bugged out last week

jupyter

Data Preparation Addendum and Further Steps

jupyter lab

Homework Task

- Look at the data
- prepare the data for a ML Algorithm
- ▶ Think about the usability of the Data for different ML Tasks
- Groups: as you see fit

- https://tinyurl.com/imlbde3
- Popular Video Games 1980-2023, Kaggle

Questions?

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Reference I

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