

## Assignment #3: Hands-On Data Prep (10 points)

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**Due date:** Sun 3/8

**Description:** Use a real dataset to perform data cleansing and feature engineering using Pandas or PySpark.

Sections	Points	Criteria
Data Exploration	2	Thorough analysis of dataset characteristics, patterns, and quality
Data Cleansing	3	Effective handling of missing values, duplicates, and inconsistencies
Feature Engineering	3	Creative and meaningful feature creation and transformation
Code Implementation	2	Proper use of Pandas/PySpark with efficient and readable code
Late penalty	-2	Deducted for submissions after due date
Total	10	