

Regression Analysis of Milk Production in the US

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The Idea



The amount of milk
production.



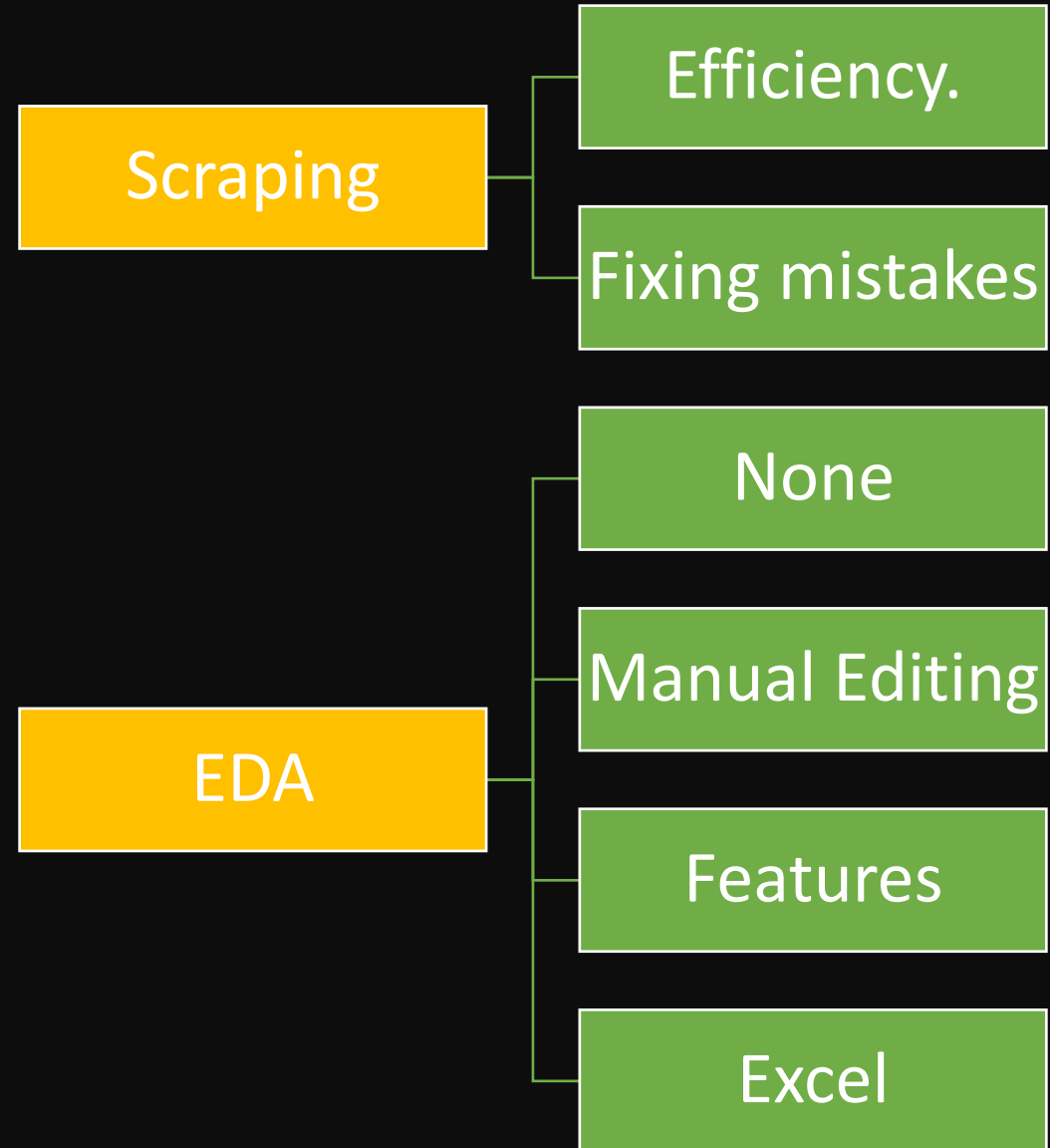
The effect of the
environment.



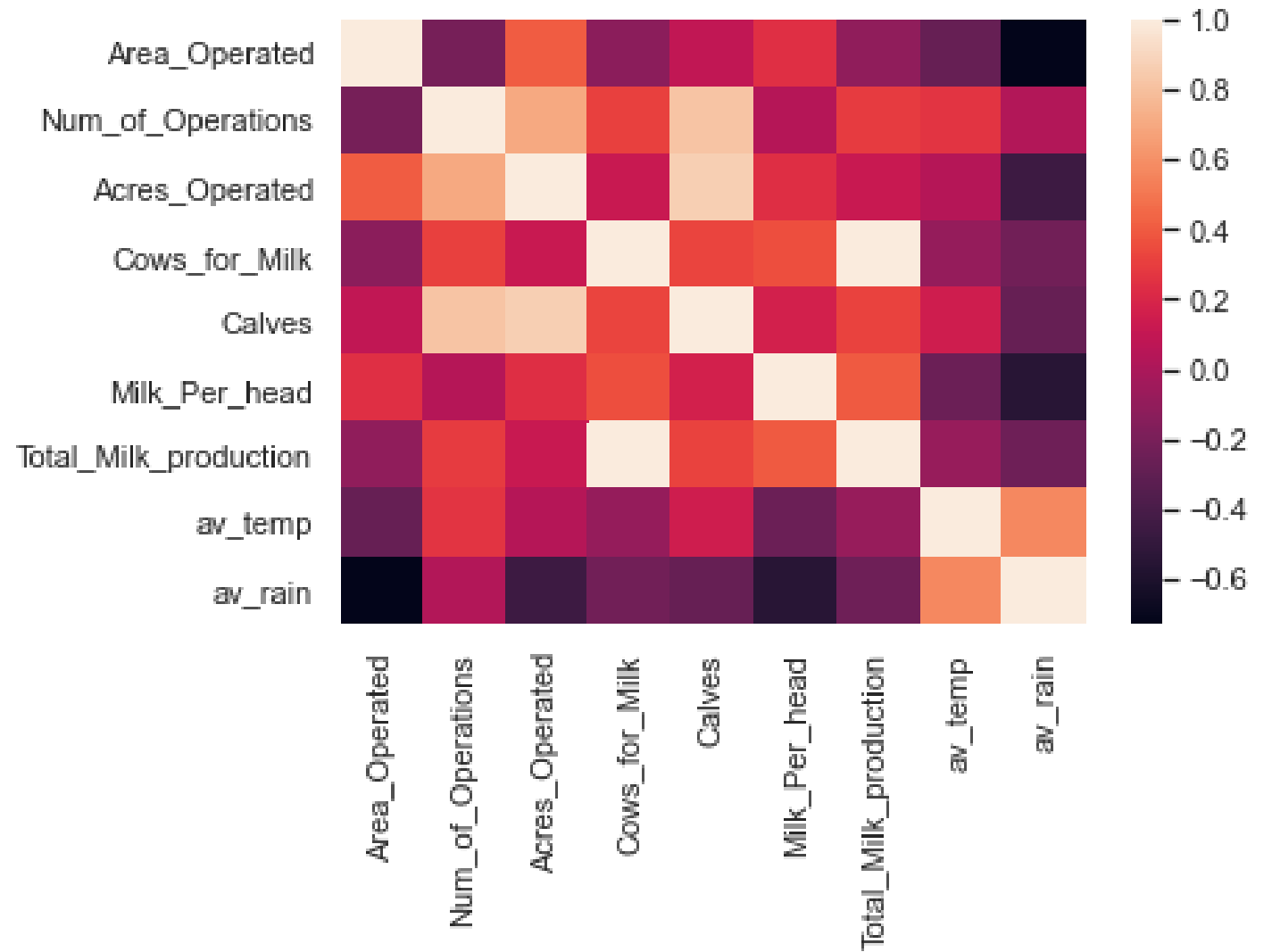
HOW?

USDA
Weather

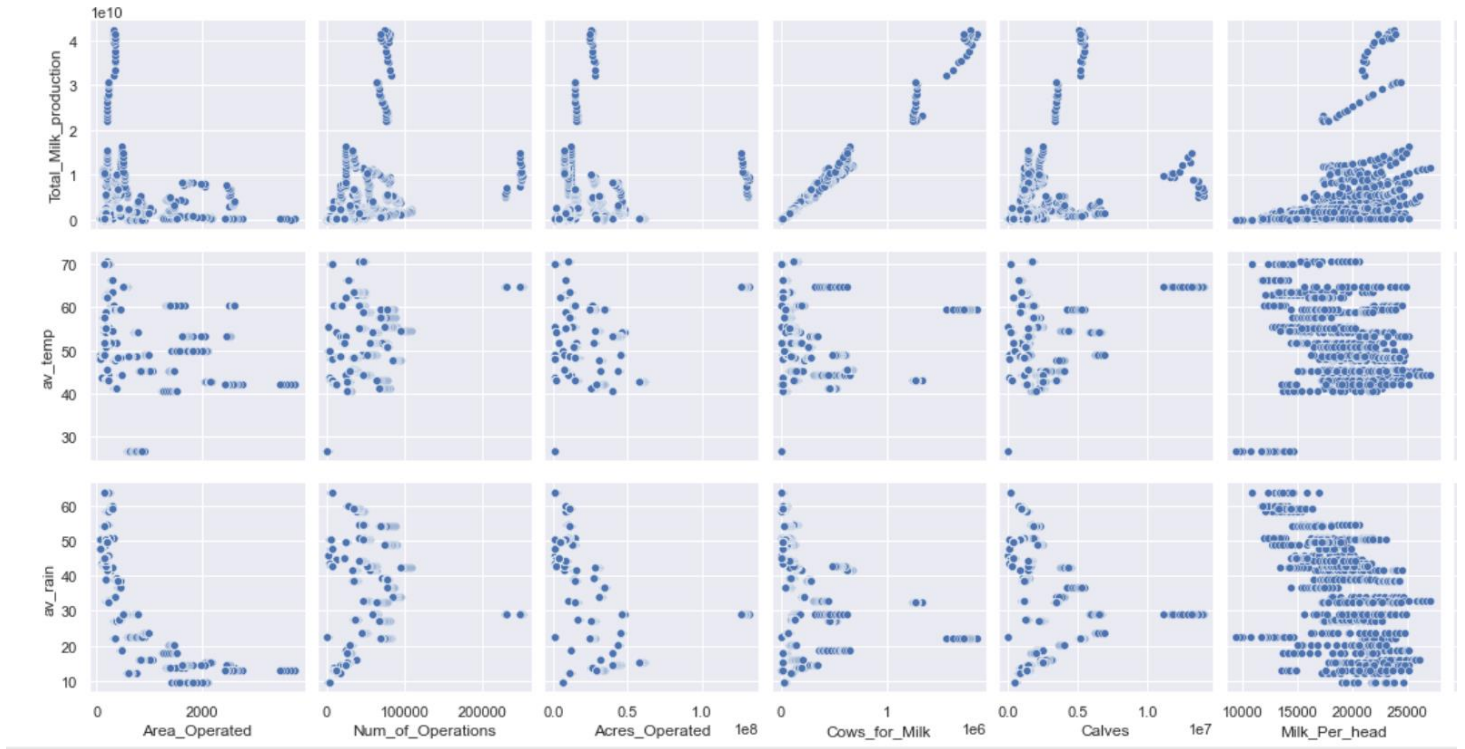
The process



Correlations



Pairplot



Coefficient of Determination

- Split into train, val, and test
- Linear Regression.
 - 44
- Create polynomial features.
 - Degree 2
 - 93
- Estimated coefficients for the linear regression.



