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Data Wrangling

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Lesson Summary

Congratulations! You have completed this lesson. At this point in the course, you know:

- Data formatting is critical for making data from various sources consistent and comparable.
- Master the techniques in Python to convert units of measurement, like transforming "city miles per gallon" to "city-liters per 100 kilometers" for ease of comparison and analysis.
- Acquire skills to identify and correct data types in Python, ensuring the data is accurately represented for
- Data normalization helps make variables comparable and helps eliminate inherent biases in statistical
- You can apply Feature Scaling, Min-Max, and Z-Score to normalize data and apply each technique in Python
- . Binning is a method of data pre-processing to improve model accuracy and data visualization.
- Run binning techniques in Python using numpy's "linspace" and pandas' "cut" methods, particularly for numerical variables like "price."
- Utilize histograms to visualize the distribution of binned data and gain insights into feature distributions.
- Statistical models generally require numerical inputs, making it necessary to convert categorical variables like
- You can implement the one-hot encoding technique in Python using pandas' <code>get_dummies</code> method to transform categorical variables into a format suitable for machine learning models.



✓ Completed



