



JOHNS HOPKINS

WHITING SCHOOL  
*of* ENGINEERING

# Algorithms for Data Science

Data Cleaning

# Data Cleaning

**The identification and correcting or removing of errors and inconsistencies in data to improve its quality and efficiency.**

Handling Missing  
Values

Removing Duplicates

Correcting Data Types

Detecting & Handling  
Outliers

Standardizing Values

Error Correction

Normalization,  
Standardization, and  
Scaling



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