

Missing Data

• Unavailable: Valid for the observation, but not available in the data set. Removed: Observation quality threshold may have not been reached, and data removed. Not applicable: measurement does not apply to the particular observation (e.g. number of tires on a boat observation)

- Ignore entire observation. Create an binary variable for each predictor to indicate whether the data was missing or not. Segment model based on data availability. Estimate missing values (Generalized Low Rank Models)
 - Use alternative algorithm: decision trees accept missing values; linear models typically do not.

Types of Missing Data

What to Do





H2O Simple Missing Data Imputation







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