



Data Cleaning

Objectives

Understand and learn how to clean data.

Datasets

DataCleaning-Patient.xls

Assignments

Read the above file and carry out exercise as per Preparation & Reporting sections.

Data Preparation:

1. Provide New Column BMI-Value (BodyMassIndex) using the given formula
$$\text{BMI} = \text{Weight (KGs)} / \text{Height}^2 \text{ (Meters)}$$
2. Provide New Column BMI-Label based on BMI-Value as per follows
Underweight Less Than 18.50
Normal 18.50 to < 25.00
Overweight 25.00 to < 30.00
Obese 30.00 And Above
3. Review the Dataset For Errors In Data. Provide solution to rectify the error.
4. Review the Dataset For Missing Data. Provide solution to rectify the same.
5. Convert the HealthGrade of the records as per follows

1	Good	2	Normal	3	Poor
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6. Convert the InsureStatus of the records as per follows

A	1	B	2	C	3
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