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### Metode Ansambel Dasar

#### 1. Metode Rata Rata

```
--- Informasi Variabel Dataset Wine Quality ---
      name    role     type demographic \
0   fixed_acidity  Feature  Continuous      None
1 volatile_acidity  Feature  Continuous      None
2 citric_acid      Feature  Continuous      None
3 residual_sugar   Feature  Continuous      None
4 chlorides        Feature  Continuous      None
5 free_sulfur_dioxide Feature  Continuous      None
6 total_sulfur_dioxide Feature  Continuous      None
7 density          Feature  Continuous      None
8 pH               Feature  Continuous      None
9 sulphates        Feature  Continuous      None
10 alcohol          Feature  Continuous      None
11 quality          Target    Integer        None
12 color            Other    Categorical    None

description units missing_values
0             None  None       no
1             None  None       no
2             None  None       no
...
9             None  None       no
10            None  None       no
11 score between 0 and 10  None       no
12 red or white    None      no
```

#### 2. Max Voting

```
--- Informasi Variabel Dataset Adult ---
      name    role     type demographic \
0   age      Feature  Integer      Age
1 workclass Feature  Categorical Income
2 fnlwgt   Feature  Integer      None
3 education Feature  Categorical Education Level
4 education-num Feature  Integer Education Level
5 marital-status Feature  Categorical Other
6 occupation Feature  Categorical Other
7 relationship Feature  Categorical Other
8 race     Feature  Categorical Race
9 sex      Feature  Binary       Sex
10 capital-gain Feature  Integer None
11 capital-loss Feature  Integer None
12 hours-per-week Feature  Integer None
13 native-country Feature  Categorical Other
14 income   Target    Binary       Income

description units missing_values
0                         N/A  None       no
...
11            None  None       no
12            None  None       no
13 United-States, Cambodia, England, Puerto-Rico,... None       yes
14 >50K, <=50K.  None      no
```

## Metode Ansambel Lanjutan

### 1. Stacking

```
Mean Squared Error (MSE) dari Ensemble Stacking: 0.0000
```

### 2. Blending

```
--- Metode Blending (Regresi) ---
Mean Squared Error (MSE): 0.3621
```

### 3. Bagging

```
--- Metode Bagging (Regresi) ---
Mean Squared Error (MSE): 898.7090
```

### 4. Boosting

```
--- Metode Boosting (Regresi) ---
Mean Squared Error (MSE): 0.4616
```

[Link Source Code](#)

