

# Laptop Price

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## Methodology

Dataset: <https://www.kaggle.com/datasets/sagaraiarchitect/laptop-price-explorer-the-ml-model/data>

Framework used: Jupyter

Libraries used:

```
In [1]: 1 import pandas as pd
2 import numpy as np
3 import seaborn as sns
4 import matplotlib.pyplot as plt
5 from sklearn.model_selection import train_test_split, GridSearchCV, cross_val_score
6 from sklearn.linear_model import LinearRegression
7 from sklearn.neighbors import KNeighborsRegressor
8 from sklearn.preprocessing import StandardScaler, LabelEncoder
9 from sklearn.decomposition import PCA
10 from sklearn.ensemble import RandomForestRegressor, GradientBoostingRegressor
11 from sklearn.metrics import mean_squared_error, r2_score, mean_absolute_error
12 import tensorflow as tf
13 import math
```