

Project Guideline: PC Component price analysis
Group 2

Project objective	The objective of this project is to create a PC Component price prediction model with accuracy.
Data collection	We collect the dataset from Khmer24 that have 11 features and 1055 rows.
Data Preprocessing	Understand Data Structure, Handle Missing value, Handle data duplicate, Check outlier.
Data Exploratory	Plot correlation of the dependent variable with independent variable, Feature engineering, Feature selection, Transformation.
Model selection	We choose Multiple Linear Regression, Ridge Regression, Lasso Regression, Decision Tree and Random Forest.
Model evaluation	Split the dataset into training, validation, and testing sets using techniques like cross-validation to evaluate model performance effectively. Evaluate the trained models using appropriate evaluation metrics, such as mean squared error (MSE), root mean squared error (RMSE), or mean absolute error (MAE). Compare the RMSE of different models.