**Salary Prediction for Different Jobs Using Machine Learning Model**

**Objective:**

* Which features are the strongest for Salary Prediction
* Which model can predict better if a new dataset of similar kind is provided.

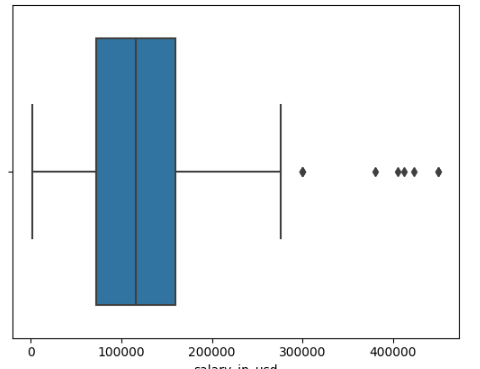
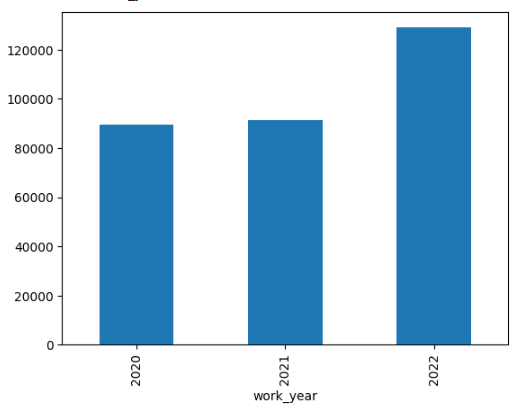
**Target Variable:**

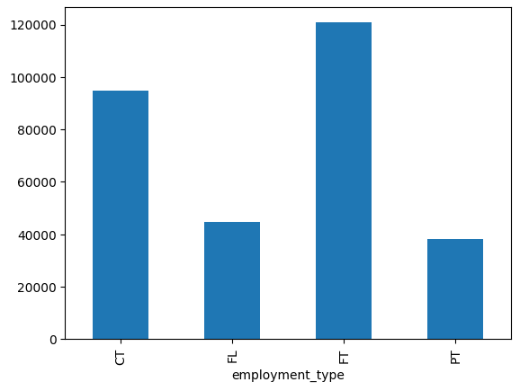
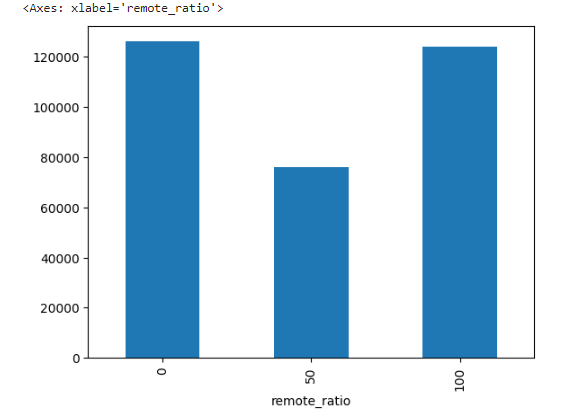
salary\_in\_usd

**Predictor Variables:**

* work\_year
* experience\_level
* employment\_type
* job\_title
* salary
* salary\_currency
* salary\_in\_usd
* employee\_residence
* remote\_ratio
* company\_location
* company\_size

**Exploratory Data ANALYSIS:**

**Feature Engineering:**

* Indexing Categorical Variables
* Encoding Categorical Variables
* Vectorising
* Scaling

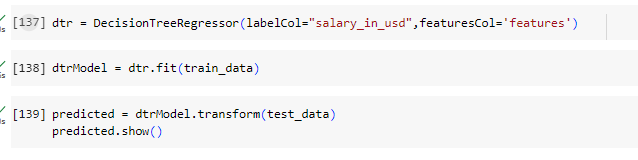


**Modelling:**

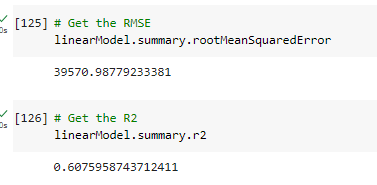
**Linear Model**

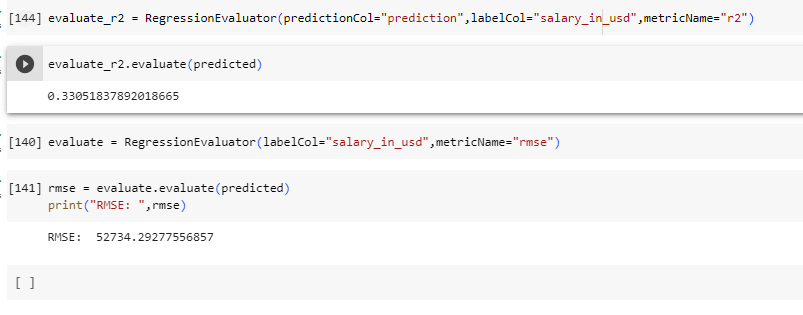


**Decision Tree**



**Model Comparison**





**Conclusion:**

Linear Regression Model has given the better result with R2 score: 0.60