* Business Problem

The project mainly deals with predicting the Global House Purchase. It includes several factors like property type, price, loan amount, down payment, satisfaction in the property and the decision

* Background/History:

Buying a property internationally have improved in recent days due to several factors like prices, cultures, diversification, high rate of rental homes.

It is also considered as an important factor for the investment. Cost of living is lower in global investments.

* Data Explanation (Data Prep/Data Dictionary/etc.)

Data is taken from Kaggle

Following fields are included in the Global House Purchase data set:

1. property\_id
2. country
3. city
4. property\_type
5. furnishing\_status
6. property\_size\_sqft
7. price
8. constructed\_year
9. previous\_owners
10. rooms
11. bathrooms
12. garage
13. garden
14. crime\_cases\_reported
15. legal\_cases\_on\_property
16. customer\_salary
17. loan\_amount
18. loan\_tenure\_years
19. monthly\_expenses
20. down\_payment emi\_to\_income\_ratio
21. satisfaction\_score
22. neighbourhood\_rating
23. connectivity\_score
24. decision

* Conclusion

Concluding here by giving a summary of Global house purchase decision include the factors like price, loan amount, down payment, the property build year, property located country, city, type of the property, property size.

* Challenges

Global investments includes tax payments and the buyers can be targeted by scams and fraudulent dealers.

* Future Uses/Additional Applications

Future Use:

Global Accessibility which gives investors the opportunity to invest throughout the world.

Additional Applications

Transaction automations can be considered as additional applications that will handle the transactions in an automated and efficient manner that the buyers and sellers can enjoy the future applications in a sophisticated way.

* Recommendations

Try to reduce the fraudulent scams by knowing the laws and regulation of the geographical locations of the property internationally.

* Ethical Assessment

The ethical assessment of the data for the global house purchase gives us the clear picture of buying a property internationally by considering the important factors like price, constructed year, legal, loan amount, down payment etc.,