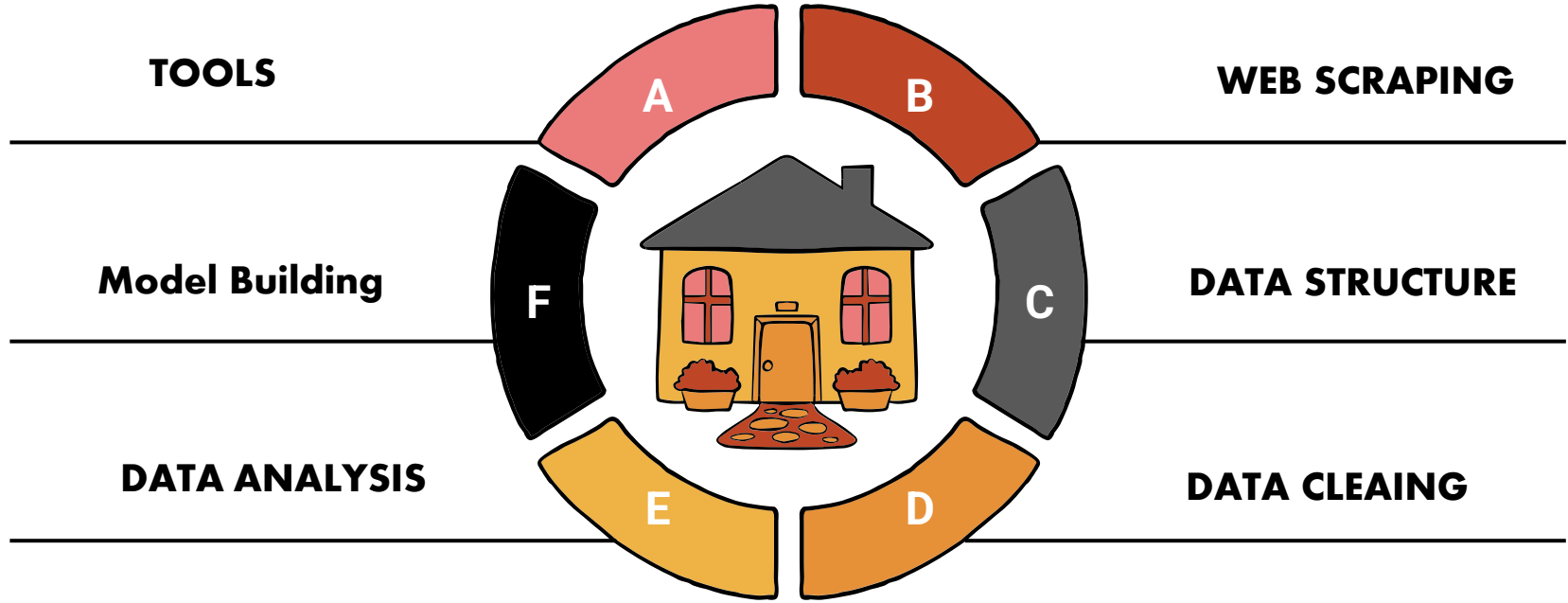




# **RIYADH Real Estate**

**House Prices Prediction**

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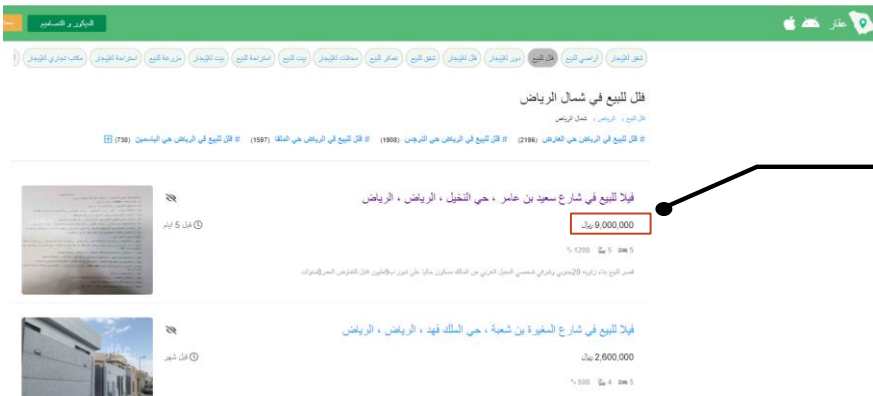


# TOOLS



# WEB SCRAPING

10 Columns  
6960 Rows



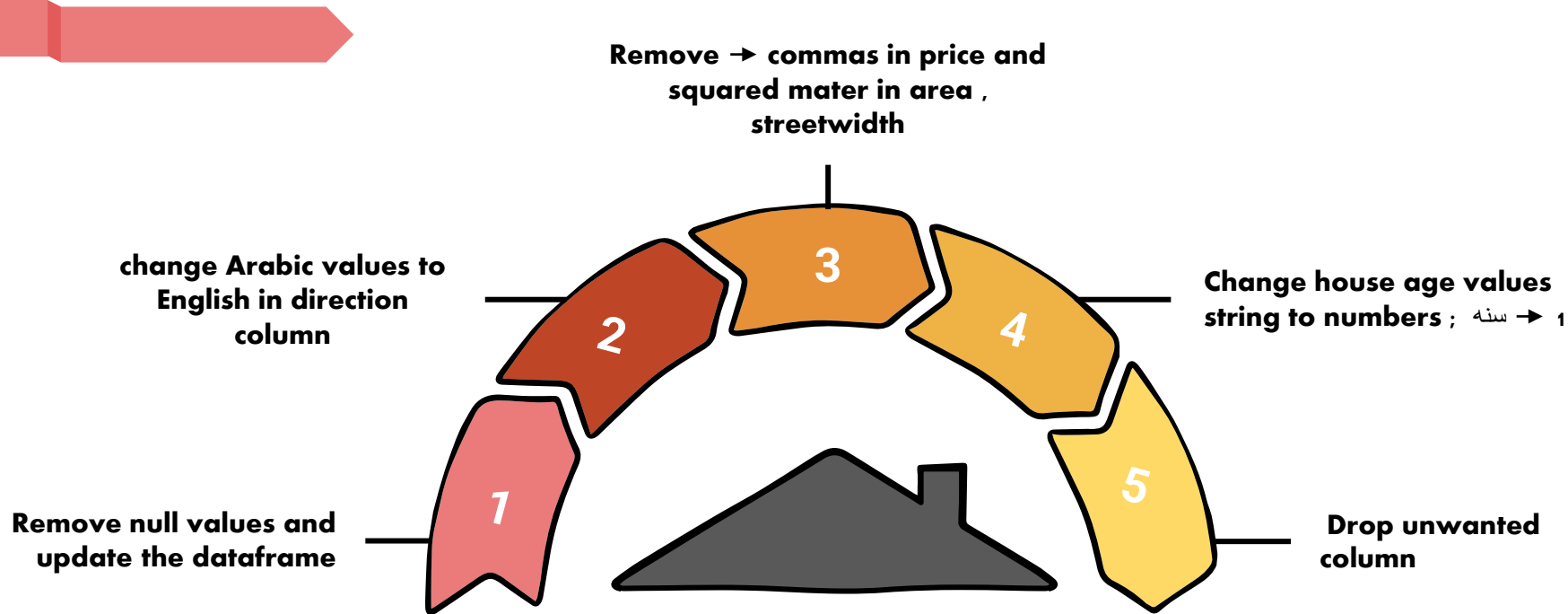
المساحة	1200 م <sup>2</sup>	
الواجهة	جنوب شرقي	
غرف النوم	5 	
الصالات	2 	
دورات مياه	5 	
عرض الشارع	20 م 	
عمر العقار	8 سنة	
✓ درج صالة	✓ غرفة خادمة	✓ مسبح
✓ حوض	✓ ملحق	✓ منظر سيارة
✓ فيو		✓ مصعد

**After DATA CLEAING**

**9 Columns**

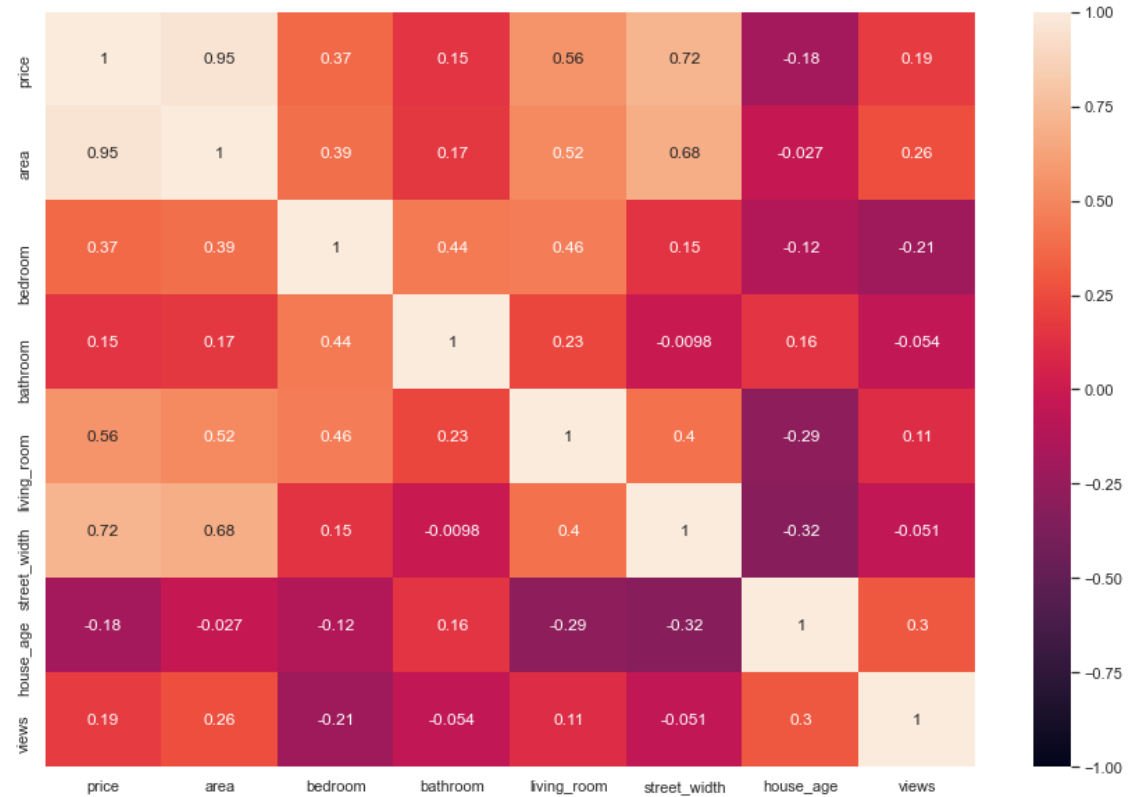
**5860 Rows**

# DATA CLEAING



# DATA ANALYSIS

## Features correlation



# Regression Models



Model Performance Comparison			
Models Testing	Model	Trining	Validation
	Baseline	0.27	0.28
	Feature Engineering (dummy)	0.945	0.956
	Polynomial	0.969	0.964
	Lasso	0.93	0.94



Model Performance Metrics		Model Performance Metrics	
Models Testing	MODEL	TRINING	VALIDATION
	Baseline	0.27	0.28
	Feature Engineering (dummy)	0.945	0.956
	Polynomial	0.969	0.964
	Lasso	0.93	0.94
		Best Model	

# THANK YOU FOR LISTINING !

By : HANAA ALQARNI

