

- 9 Feature Scaling impact on LOBR Geometry
- D Flaguated va_score
- 1) Sklearn V3 Stadamodel
- 3 ABRUMPHONE & Linear Regression
 - & Linear Relationship V
 - 1) No multi-collinearty V
 - 1 Normal Distribution of Residuals
 - D Homosce Dasticity
 - A No auto-correlation



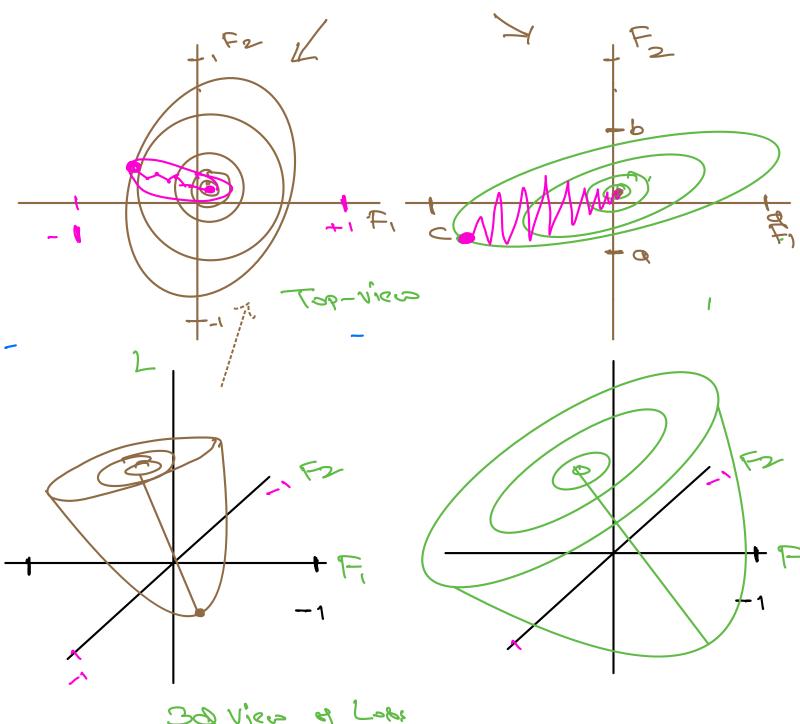
Claude 4 just refactored my entire codebase in one call.

25 tool invocations. 3,000+ new lines. 12 brand new files.

It modularized everything. Broke up monoliths. Cleaned up spaghetti.

None of it worked. But boy was it beautiful.

Feature Scaling impact LOBR FX Geometry



30 View of Lobs

Adjusted va-score

Case 1	Core 2
72- Acare = 0.30	25- 200ce = 0.3()
nun-features 3 2	nun-features 3/0

Occamia Razer

Destarnance a always fick the Simple Verkion

Note: 02 Score either increase er Stays same when features one

Box add reesperant feature

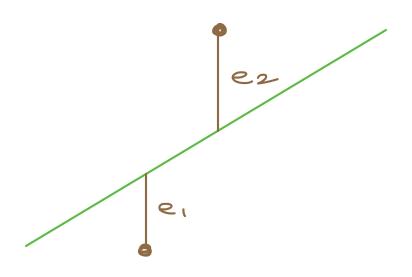
Adjusted R2_Score

(1-R-2) (m-1)

(m-a)-1)

nun-teature (-00,1) If this dimension does not add significant value in Numerator adjusted R2-8 core will Reduce Box agg reesperant feature ady rd-score will decrease (H.W): Implement ady Ranscore in our Linear Regression Clark

Stata mode/



min (sym of Exposs)

State Model

Skkarn

- 5 CI ger Jeodusch
 5 F-2+odischie (Mak)
 6 P-Valye (individual
 geoduse
 6 Erzigyal Plat
 9 DO Plat
- 5 Lege concerned with 3tatistical Quadan 1
 - 9 Feature-scaling 8 Regularization
 - D Exal-wetsic

Assamptions of Linear Regression

- 1 Linear Relationship
- 1 No multi-collinearity
- 3 Normal Distribution of Residuals
- @ Homoscedasticity
- E No anto-cosselation

Por- Read