Slide One

Title: Improving Generelization & Focus

Content:

First, The initial fit,

- Recall differences were are noticable (24% difference)
- showing some models performed better than others
- The issue is nneven recalls

Second, we tuned the models, using Grid SearchCV

- Recall aligned more closely (13% difference)
- Improving generalization and stability

Finally, we simplified our dataset, removed one feature: 'payment_method'

- all models gained slightly in recall (1-3%)
- This suggests the payment method, i.e. paying credit, debit or cash, did not contribute meaningfully to predicting churn
- We sharpened our modes' focus

Slide Two

Title: Can we Predict Who Will Leave

Content:

First, thank you for joining our churn prediction journey,

- From Data processing
- To model fitting and fine-tuning
- And simplifying dataset
- As you noticed the key was striking the balance between recall and generalization

Raise your hand if you think we can predict who will leave