

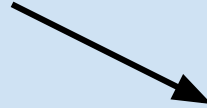


Passion for Paws

Benjamin Lin







Potential Solution



Potential Solution



Short Section (0-4 days)

Medium Section (5-9 days)

Long Section (10 - 14 days)

Potential Solution



Short Section (0-4 days)	Medium Section (5-9 days)	Long Section (10 - 14 days)
- Email newsletters	Email newsletters	+ Email newsletters
- Grooms / walks	Grooms / walks	+ Grooms / walks
- Instagram posts	Instagram posts	+ Instagram posts

Process

- Feature Engineering:
 - Converted 1,600 breeds to 11 categories
 - Converted 410 colors to 9 colors

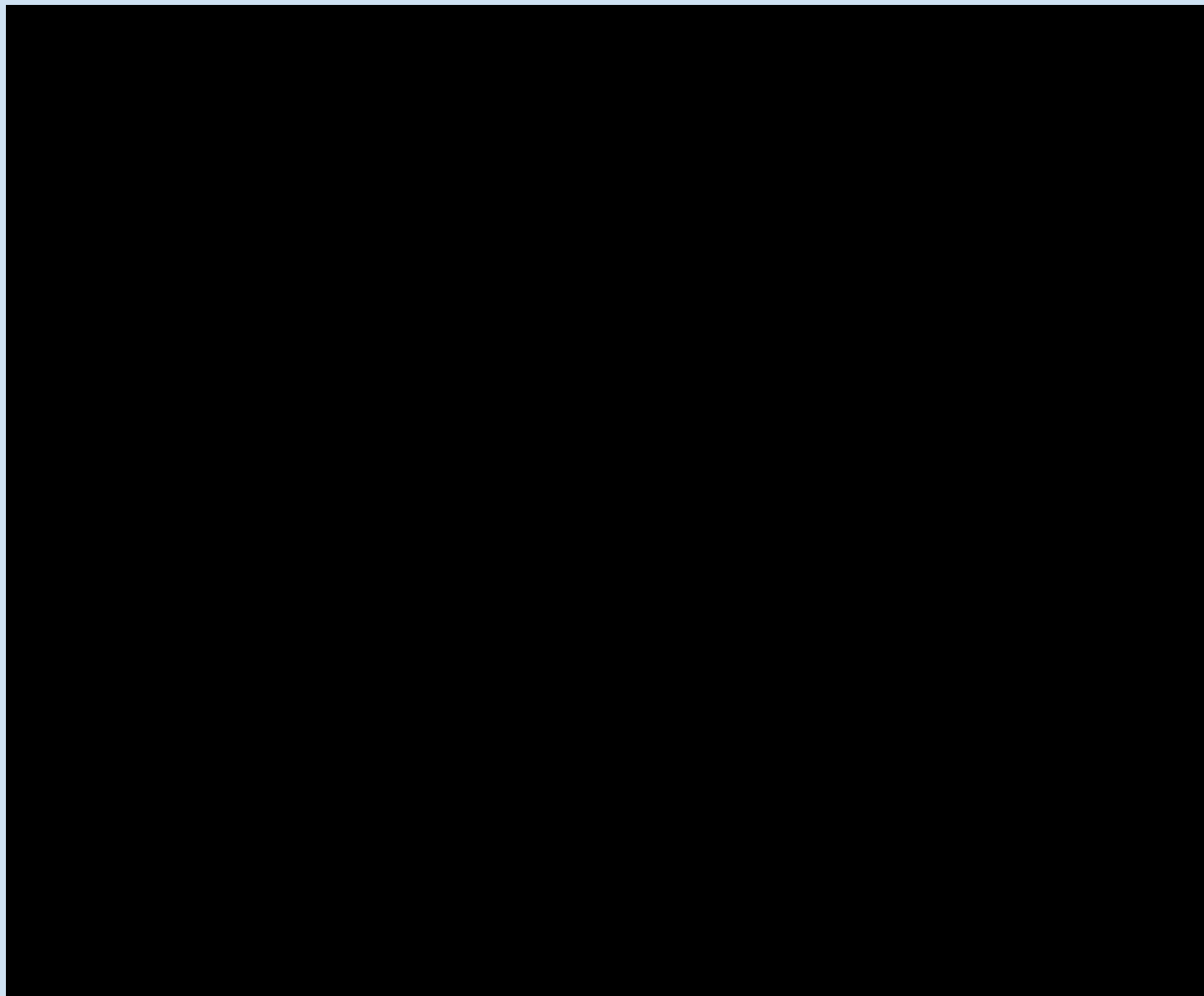
Process

- Feature Engineering:
 - Converted 1,600 breeds to 11 categories
 - Converted 410 colors to 9 colors
- Model Selection:
 - Used Pipeline and GridsearchCV to optimize for hyperparameters
 - XGBoost Classification performed the best on CV training set and test set (0.67 accuracy)

Process

- Feature Engineering:
 - Converted 1,600 breeds to 11 categories
 - Converted 410 colors to 9 colors
- Model Selection:
 - Used Pipeline and GridsearchCV to optimize for hyperparameters
 - XGBoost Classification performed the best on CV training set and test set (0.67 accuracy)
- Deployment:
 - Used Flask to create an interactive webpage for prediction







Short Section (0-4 days)
- Email newsletters
- Grooms / walks
- Instagram posts

Thank You!

Benjamin Lin

Email: benlin100@gmail.com

LinkedIn: [linkedin.com/in/benjaminlin24/](https://www.linkedin.com/in/benjaminlin24/)

Github: github.com/benlin100