PhotoPro.science

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PhotoPro

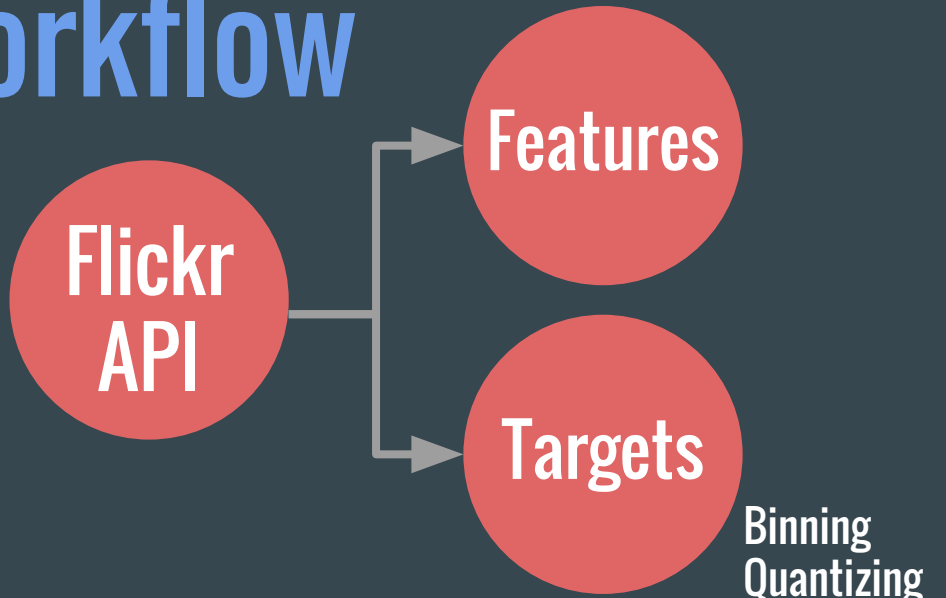
Use Data Science to Choose Your Best Shots

Software Stack

Overview

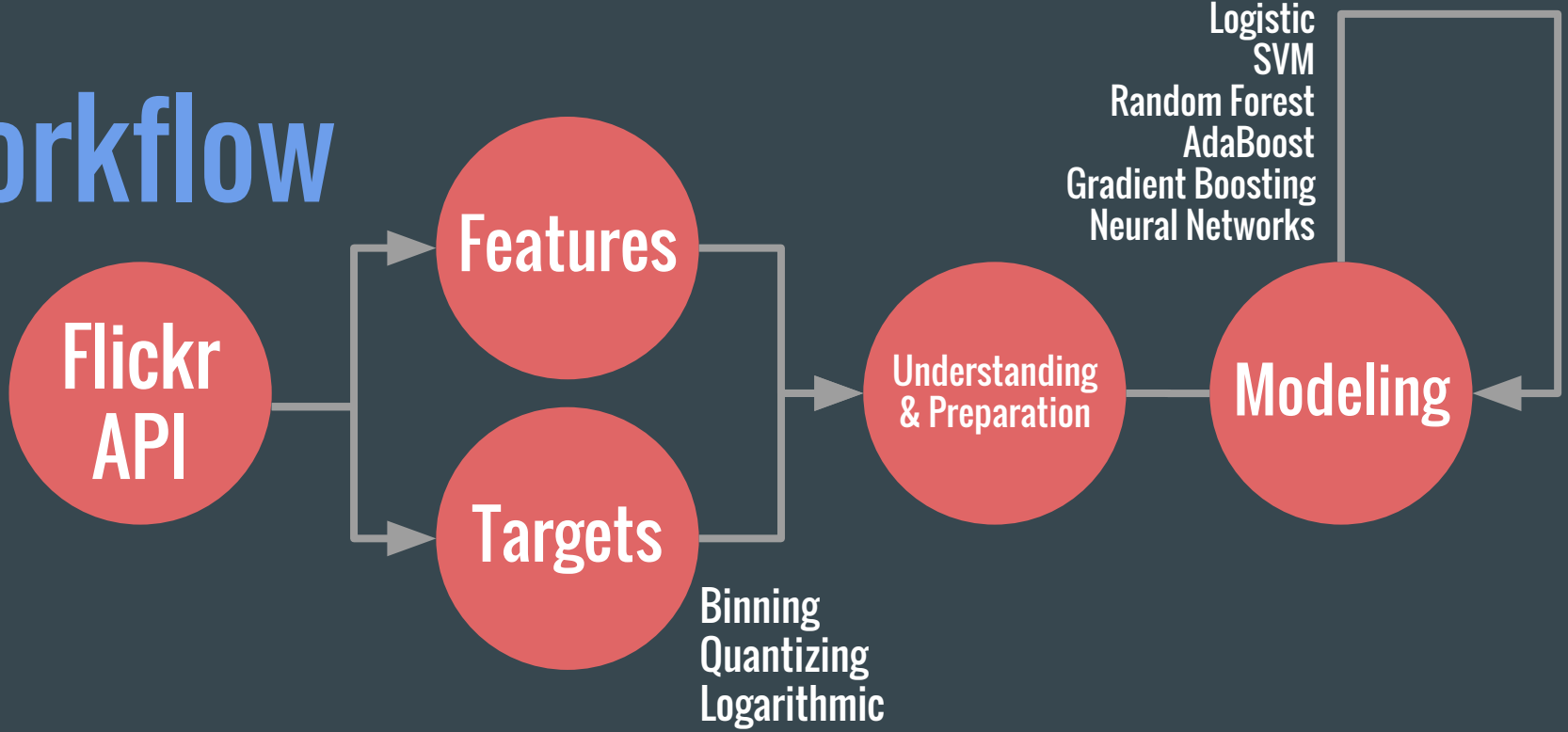
- We All Use Photos to Communicate
- Proliferation of Imaging
- Data Collection
- Thesis:
  - We Can Predict Which Photos Will Be Viewed Most

Workflow

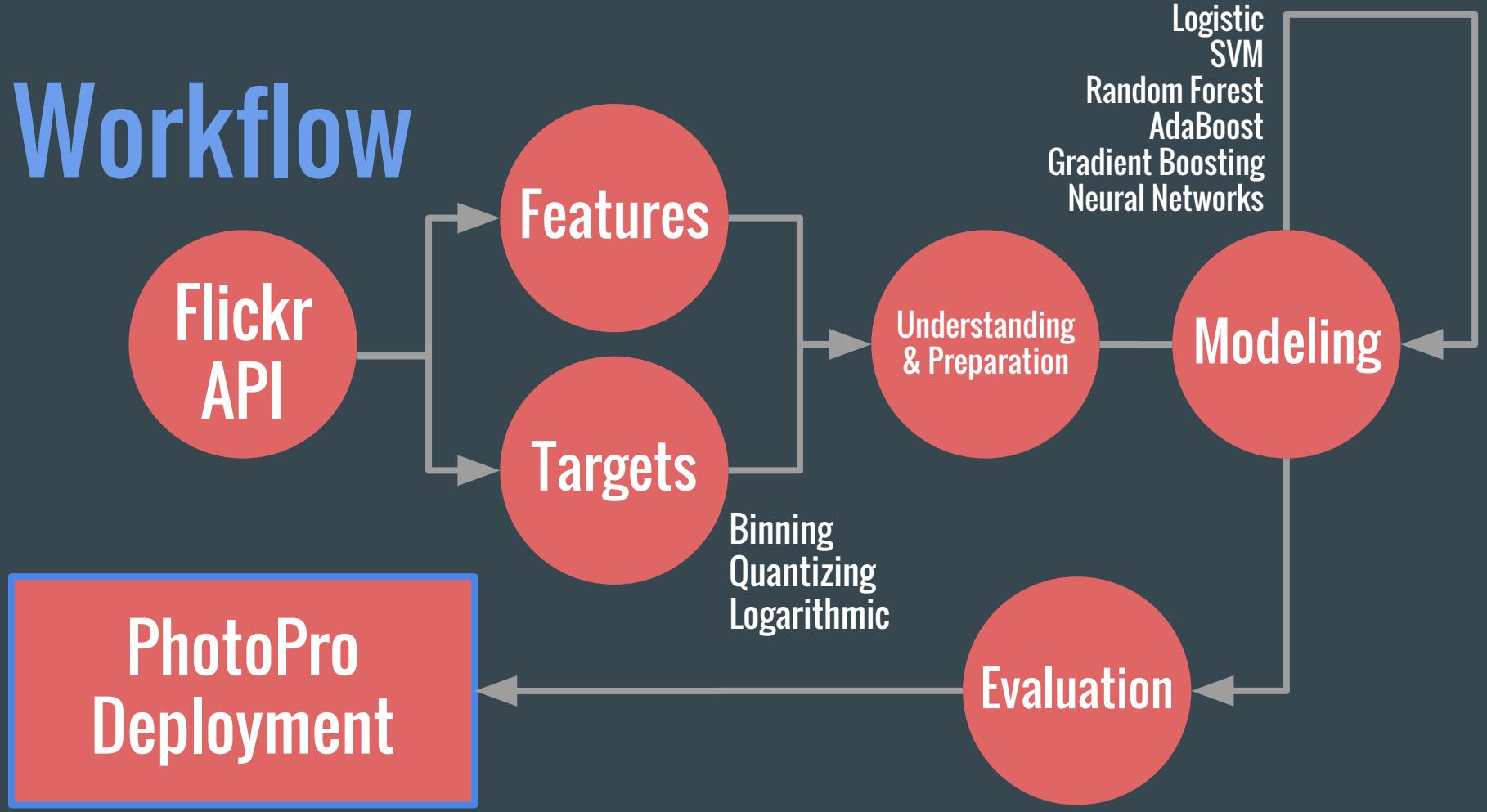


Binning
Quantizing
Logarithmic

Workflow


Logistic
SVM
Random Forest
AdaBoost
Gradient Boosting
Neural Networks
Flickr API
Features
Targets
Binning
Quantizing
Logarithmic
Understanding & Preparation
Modeling

Workflow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Modeling
Evaluation
PhotoPro Deployment

Further Work

- Successful Neural Network
- Additional Regression on Log-Views
- Present Additional Metrics to Users
- Additional Images and Sources:
  - Instagram
  - Tumblr
  - Facebook
  - Twitter

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