General Resources	Link
Samples for Google Cloud Machine Learning Engine	https://github.com/GoogleCloudPlatform/cloudml-samples
A Friendly Introduction to Machine Learning	https://www.youtube.com/watch?v=IpGxLWOIZy4&t=1255s
Awesome TensorFlow	https://github.com/jtoy/awesome-tensorflow
Google Glossary of ML Terms	https://developers.google.com/machine-learning/glossary/
Rules of Machine Learning: Best Practices for ML Engineering	https://developers.google.com/machine-learning/guides/rules-of-ml/
Production ML Systems: Data Dependencies.	https://developers.google.com/machine-learning/crash-course/data-dependencies/video-lecture
Kaggle ML Class	https://www.kaggle.com/learn/machine-learning
Kaggle Deep Learning Class	https://www.kaggle.com/learn/deep-learning
Short Introduction to Neural Nets	https://ml-cheatsheet.readthedocs.io/en/latest/nn_concepts.html
Practical advice for analysis of large, complex data sets	http://www.unofficialgoogledatascience.com/2016/10/practical-advice-for-analysis-of-large.html
FloydHub Docker Machine Learning Container	https://github.com/floydhub/dl-docker
Ready-to-run Docker images containing Jupyter applications	https://github.com/jupyter/docker-stacks
The Real World of Predictive Modeling: Best Practices for the New Data Scientist	https://www.zestfinance.com/blog/predictive-modeling-new-data-scientist
Responsible AI Practices	https://ai.google/education/responsible-ai-practices
Data Prep & Feature Engineering using TF	https://developers.google.com/machine-learning/data-prep/
ML Problem Framing	https://developers.google.com/machine-learning/problem-framing/
A TensorFlow Glossary/Cheat Sheet	https://medium.com/google-cloud/a-tensorflow-glossary-cheat-sheet-382583b22932
Google Comprehensive Text Classification	https://developers.google.com/machine-learning/guides/text-classification/
TensorFlow Tutorial	https://cs224d.stanford.edu/lectures/CS224d-Lecture7.pdf
TF Estimator Cloud Template	https://github.com/GoogleCloudPlatform/cloudml-samples/tree/master/cloudml-template
TF Embedding Projector (live example)	http://projector.tensorflow.org/
Read Data & Apache Beam	
Hands on Apache Beam, building data pipelines in Python	https://towardsdatascience.com/hands-on-apache-beam-building-data-pipelines-in-python-6548898b66a5
How to write into and read from a TFRecords file in TensorFlow	http://www.machinelearninguru.com/deep_learning/tensorflow/basics/tfrecord/tfrecord.html
Model Evaluation Guide	
Machine Learning Testing and Error Metrics - Luis Serrano Udacity	https://www.youtube.com/watch?v=e2vurxnd124
Metrics To Evaluate Machine Learning Algorithms in Python	https://machinelearningmastery.com/metrics-evaluate-machine-learning-algorithms-python/
Simple guide to confusion matrix	https://www.dataschool.io/simple-guide-to-confusion-matrix-terminology/
Sklearn Model evaluation: quantifying the quality of predictions	http://scikit-learn.org/stable/modules/model_evaluation.html
7 Important Model Evaluation Error Metrics Everyone should know	https://www.analyticsvidhya.com/blog/2016/02/7-important-model-evaluation-error-metrics/
Classification: ROC and AUC	https://developers.google.com/machine-learning/crash-course/classification/roc-and-auc
Regression Model Insights	https://docs.aws.amazon.com/machine-learning/latest/dg/regression-model-insights.html
Multiclass Model Insights	https://docs.aws.amazon.com/machine-learning/latest/dg/multiclass-model-insights.html
Classification: Precision and Recall	https://developers.google.com/machine-learning/crash-course/classification/precision-and-recall
Introduction to Loss Functions	https://ml-cheatsheet.readthedocs.io/en/latest/loss_functions.html
Machine Learning Interpretability	
Consistent feature attribution for tree ensembles	https://arxiv.org/abs/1706.06060
Shapely Additive Values (SHAP)	https://github.com/slundberg/shap
Deep Learning Important FeaTures (DeepLift)	https://github.com/kundajelab/deeplift
H2O Interpretability	http://docs.h2o.ai/driverless-ai/latest-stable/docs/booklets/MLIBooklet.pdf
H2O Interpretability Github	https://github.com/h2oai/mli-resources

Interpretable Machine Learnin: A Guide for Making Black Box Models Explainable.	https://christophm.github.io/interpretable-ml-book/
Interpretable Machine Learning Book	https://github.com/christophM/interpretable-ml-book
Ideas on interpreting machine learning	https://www.oreilly.com/ideas/ideas-on-interpreting-machine-learning
Interpreting predictive models with Skater: Unboxing model opacity	https://www.oreilly.com/ideas/interpreting-predictive-models-with-skater-unboxing-model-opacity
The Building Blocks of Interpretability	https://distill.pub/2018/building-blocks/
Pricing	
Google Cloud Platform	https://cloud.google.com/ml-engine/docs/pricing
Google Cloud Creating and Managing Labels	https://cloud.google.com/resource-manager/docs/creating-managing-labels
Google Cloud Visualize Spend Over Time with Data Studio	https://cloud.google.com/billing/docs/how-to/visualize-data
Google Cloud Export Billing Data to BigQuery	https://cloud.google.com/billing/docs/how-to/export-data-bigquery
Google Cloud Public Billing Report Demo	https://datastudio.google.com/reporting/0B7GT7ZlyzUmCZHFhNDlKVENHYmc/page/dizD
Other alternative open source model hosting solutions	
Clipper	https://storage.googleapis.com/pub-tools-public-publication-data/pdf/45742.pdf
Clipper Github	https://github.com/ucbrise/clipper
Deploying and Monitoring Heterogeneous Machine Learning Applications with Clipper	https://databricks.com/session/deploying-and-monitoring-heterogeneous-machine-learning-applications-with-clipper
Clipper Modules	http://docs.clipper.ai/en/v0.3.0/model_deployers.html?highlight=pyspark%20models#pyspark-models
Clipper Prediction System	https://www.usenix.org/system/files/conference/nsdi17/nsdi17-crankshaw.pdf
pachyderm	http://www.pachyderm.io/
mlflow	https://mlflow.org/
A Gentle Introduction to Concept Drift in Machine Learning	https://machinelearningmastery.com/gentle-introduction-concept-drift-machine-learning/