



HPCC/ECL Training Update



The Latest HPCC/ECL Course Catalog

- Our Core Classes:
 - Introduction to ECL (Part 1) (30)
 - Introduction to ECL (Part 2) (13)

 - Advanced ECL (Part 1) (19)
 - Advanced ECL (Part 2) (19)

 - ROXIE ECL (Part 1) (14)
 - ROXIE ECL (Part 2) (12)
- SALT Training
 - Introduction to SALT (9)
 - Advanced SALT (17)
- Others
 - Applied ECL (10)
 - Machine Learning with HPCC (10)
 - HPCC for Managers (12)
 - HPCC Systems Administration (6)

That's 170 Lessons in Total

What's new in 2020?

- Introduction to ECL (Part 2)

Data Patterns and Visualization

Describes the new ECL language and ECL Watch support for both Data Patterns and Visualization.

Data Patterns allow you to analyze any dataset with a simple PROFILE function that provides complete aggregate information and more. There are 3 ways to use the power of Data Patterns in the latest HPC version.

Version 7 has also introduced enhanced **Visualization** support of your data in 3 different ways. Using the ECL Playground Chart tool, the built-in Visualization in all ECL Watch workunit, and the powerful ECL Visualizer bundle which seamlessly interfaces with the ECL watch

06: Data Evaluation DISTRIBUTE and INLINE

06B: Data Patterns and Visualization

07: TRANSFORM and PROJECT



HPCC SYSTEMS®

What's new in 2020?

- New Machine Learning Course!!

Introduction to Machine Learning

Learn about the types of learning: Supervised, Unsupervised, Deep

Understand the ML terminology: Dependent, Independent Variables, Regression and Classification, Quantitative and Qualitative

Get familiar with the wide variety of HPC Production ML Bundles currently available.

Course Menu

■ [Learning Trees Tutorial Code Download](#)

■ [GNN Tutorial Code Download](#)

■ [KMeans Tutorial Code Download](#)

■ [DBSCAN Tutorial Code Download](#)

■ [Linear Regression Tutorial Code Download](#)

□ [01: Introduction to Machine Learning](#)

□ [02: A Learning Trees Tutorial](#)

□ [03: Using the Myriad Interface](#)

□ [04: Introduction to Deep Learning](#)

□ [05: Generalized Neural Network \(GNN\) Tutorial \(Part 1\)](#)

□ [06: Generalized Neural Network \(GNN\) Tutorial \(Part 2\)](#)

□ [07: Using the KMeans Bundle \(Part 1\)](#)

□ [08: Using the KMeans Bundle \(Part 2\)](#)

□ [09: Using the DBSCAN Bundle](#)

□ [10: Using the Linear Regression Bundle](#)

What's new in 2020?

- New Machine Learning Course:

Learning Trees Tutorial

Discuss advantages of using Learning Trees

Understand the common processes involved in all ML models. (Prep, Convert, Train, Predict, Assess)

Walk through a working tutorial that creates a housing price predictor using the existing Property training data.

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What's new in 2020?

Using the Myriad Interface

- ✓ What is the Myriad Interface?
- ✓ Advantages of using it...
- ✓ Implementing the *work-item id*
- ✓ Lab exercise that uses the Property Price Predictor by selected States.



What's new in 2020?

More available now!

- GNN (Generalized Neural Networks) Tutorial
- DBSCAN Tutorial
- K-Means Tutorial
- Introduction to PBBLAS (Coming soon)
- Linear Regression



