# Upcoming HPC Classes

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Introduction to Unix/Linux and the shell
Date: Wednesday, November 15, 2017
Time: 2:00pm - 4:00pm
Presenter: Santhosh Konda
Location: Bobst Library, Rm. 617, 6th Floor
Libraries: Bobst Library

A hands-on introduction to using the Unix command line interface. Aimed at HPC users with little to no Linux experience. We'll cover sessions 1 and 2 of the "Introduction to Unix/Linux and the HPC environment at NYU" tutorial on the NYU HPC Wiki. The tutorial is available online at https://wikis.nyu.edu/pages/viewpage.action?pageId=53859101

Most of the activities in this tutorial can be completed without an NYU HPC account, but you will get more out of this class if you are already an NYU HPC user. You can apply for an account at https://wikis.nyu.edu/display/NYUHPC/High+Performance+Computing+at+NYU (see "Getting and Renewing Access")

Big Data Tutorial 2: Using Hive
Date: Friday, November 17, 2017
Time: 2:00pm - 4:00pm
Presenter: Santhosh Konda
Location: Bobst Library, Rm. 617, 6th Floor
Libraries: Bobst Library

This tutorial provides a basic understanding of Apache Hive and its usage in the Hadoop eco-system. There will be hands-on examples on how to use Apache Hive and a step by step instructional on how to run Hive jobs using NYU's Dumbo (Hadoop) Cluster.

Class Materials

The pre-requisites of this class:

1. HPC user account is mandatory.
2. Experience using SQL

Using Slurm on Prince cluster
Date: Monday, November 20, 2017
Time: 2:00pm - 4:00pm
Presenter: Wensheng Deng
Location: Bobst Library, Rm. 617, 6th Floor
Libraries: Bobst Library

A hands-on introduction to using the Slurm. Aimed at HPC users with knowledge of Linux.

Big Data Tutorial 3: Intro to Spark
Date: Tuesday, November 21, 2017
Time: 2:00pm - 4:00pm
Presenter: Santhosh Konda
Location: Bobst Library, Rm. 617, 6th Floor
Libraries: Bobst Library

This tutorial provides a basic understanding of Apache Spark and its usage in the Hadoop eco-system. There will be hands-on examples on how to use Apache Spark and a step by step instructional on how to run Spark jobs using NYU's Dumbo (Hadoop) Cluster.

Class Materials
The pre-requisites of this class:

1. NYU HPC user account is mandatory.
2. Experience using Scala/Java.