**Course: ML Ops Workshop - Learnings and Configuration**

Please complete the below learnings.

**Section 1:**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Pre-Requisites of the Workshop - Learnings and Configuration** | | | | |  |
| **Skill Name** | **Proficiency** | **Source Type** | **Learning Type** | **Source URL** | **Learning Details** |
| Git | Practitioner Level | External | Self-paced Reading | <https://git-scm.com/book/en/v2> | 1. First 3 chapters of the git book  (Getting Started, Git Basics, Git Branching) 2. Optional: Read Chapter 7.6 and 7.7 which are useful to correct commits |
| External | Practise Exercise | <https://learngitbranching.js.org/> | Do the first 8 lessons all the way up to reverting changes. Stop when you encounter cherry picking. Type levels and change the levels to remote. Do all 8 levels of git remotes and the first 4 levels of advanced git remotes. This includes push arguments, but not push arguments expanded. |
| Working with VSCode/Visual Studio Code | Learner Level | External | Visual Studio Code is used as IDE. It should be installed based on the installation guideline document. | | |
| Basics of DevOps | Learner Level | External | Self-paced Reading | [https://about.gitlab.com/topics/devops/ https://azure.microsoft.com/en-us/overview/what-is-devops/](https://about.gitlab.com/topics/devops/) | 1. Overview on DevOps by Gitlab 2. Article by Microsoft on DevOps |
| General MLOps concepts | Learner Level | External | Self-paced Reading | <https://cloud.google.com/solutions/machine-learning/mlops-continuous-delivery-and-automation-pipelines-in-machine-learning> | Google cloud background article on MLOps |

**Section 2:**

“MLOps prerequisites and assignments 201106" document is attached.

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Assignment 0 - (Complete before joining the Workshop)** | | | | | | | | |
| **Order** | **Activity Code** | **Activity name** | **Sub Module Name/Sub Activity Name** | **Proficiency** | **Duration** | **URL** | **Course Type** | **Vendor** |
| 1 | TBD | Assignment 0: Setting up Visual Studio Code, Linting and Formatting | Assignment 0: Setting up Visual Studio Code, Linting and Formatting | Details are present in "MLOps prerequisites and assignments 201106" document | | | | |