|  |  |  |
| --- | --- | --- |
| Time | Topic | Sub-Topic |
|  | Introduction to Cloud Computing | * What is Cloud Computing? * Overview of Azure Services * Comparison between Azure/GCP/AWS Services |
| Hands-on: Azure Portal Registration | * Guided account creation using Student or Free Trial subscription |
| Break | | |
|  | Azure Core Concepts | * Subscription: What it is, billing scope Resource Group: Logical container for resources * Resource: VMs, databases, storage, etc. * Tags: Metadata for organizing and billing |
| Virtual Machine | * What is Azure Virtual Machine * Creation of Ubuntu VM   + Accessing Ubuntu VM using Putty   + Accessing Ubuntu VM using FileZilla   + Installing Apache Server, PHP on Ubuntu   + Enabling HTTP Port |
| Lunch Break | | |
|  | Virtual Machine | * Creation of Windows VM   + Accessing Windows VM using RDP   + Installing XAMPP Server on Windows   + Enabling HTTP Port |
| Break | | |
|  | Develop Static Web Site | * Develop static website using HTML or PHP in Personal Laptop |
| Deployment on Ubuntu | * Deploy Static Website on Ubuntu VM |
| Deployment on Windows | * Deploy Static Website on Windows VM |
| End of Day – 1 | | |
|  | Azure Database Services | * Overview of Azure SQL, MySQL, PostgreSQL * Hands-on with MySQL Databases   + Creation of Azure MySQL Flexi Server   + Run SQL queries   + Create Simple Dynamic Web Pages using PHP & MySQL and demonstrate connectivity |
| Break | | |
|  | Azure Storage | * Overview of Azure Storage Services * Hands-on with Azure Blob Storage |
| Azure App Services | * Overview of Azure App Services * Hands-on deployment of a simple website or web application using Azure App Services |
| Lunch Break | | |
|  | Practise Time | * Students perform basic exercises on topics covered during the bootcamp * Students to host their own existing project on Azure Cloud * Open discussion on project ideas and challenges |
|  | Closing | * Closing formalities * Reflections on the bootcamp * Group photo |
| End of Day - 2 | | |