

Intro to Cloud-based Deep Learning

Aditya Balu

Tyson Swetnam

Edwin Skidmore

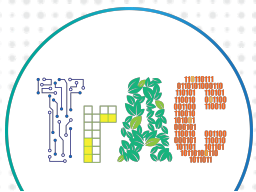
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Logistics

□ GitHub username: please provide in chat

□ CyVerse Account :

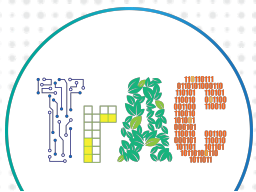
<https://user.cyverse.org/workshops/92>



Schedule

□ Part I

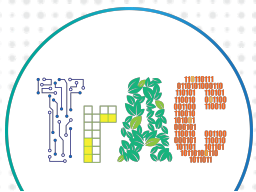
| Time | Concept | Notes | Part |
|-------|--|--|------|
| 10:00 | CyVerse Background | CyVerse Documentation | I |
| 10:30 | Navigating the CyVerse Discovery Environment (DE) Data Science Workbench | Go to DE | I |
| 10:55 | Short ☞ Break | | I |
| 11:00 | Navigating the CyVerse Data Store | Browse DE Data Store Browse WebDav | I |
| 11:30 | Jetstream-2 Background | JupyterHub on JetStream-2 OpenStack Cloud | I |
| 11:55 | Short ☞ Break | | I |
| 12:00 | Deep Learning with Project Jupyter | Jupyter notebooks | I |
| 13:00 | Lunch Break (eat 🍴) | | |



Schedule

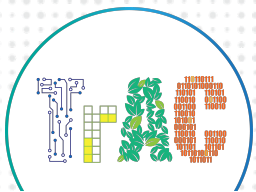
□ Part II

| | | | |
|-------|---|-------------------|----|
| 14:00 | Deep Learning with Project Jupyter Exercise | Jupyter notebooks | I |
| 14:55 | Short ☞ Break | | II |
| 15:00 | Introduction to GPU-based computing | Jupyter notebooks | II |
| 15:55 | Short ☞ Break | | II |
| 16:00 | Setup an analyses for programming in Python | | II |
| 16:55 | Conclude | | II |



Acknowledgements

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Questions?

