

ITESM

Campus Puebla

ADMINISTRACION DE PROYECTOS DE INGENIERIA DE SOFTWARE

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Tensorflow

1 W15 - Sesión

2 W13 - Tareas

- 1 Que es un **tensor**, Que es **tensor-flow**, sitio **oficial de tensorflow**
- 2 `ssh -i user user@104.198.244.0`
- 3 `python3 -m venv tensor-2.0`
- 4 `source tensor-2.0/bin/activate`
- 5 `mkdir tensorflow2 & cd tensorflow2`
- 6 `vi requeriments.txt`
- 7 `pip install -r requeriments.txt`
- 8 `tensorflow helloworld.py, basicoperations.py`
- 9 `tensorboard example1 example2`
- 10 Visualize: `tensorboard --logdir='./graphs' --port 8xxx`
- 11 Introduccion a **Google Colab**, Realizar tensorflow **deploy lab**
- 12 `sudo docker run --name userxxx-keras -t --rm -p 8xxx:8501 -v
"/home/userxxx/tensorflow-
2.0/linear_model:/models/linear_model" -e
MODEL_NAME=linear_model tensorflow/serving &`
- 13 `curl -d '{"instances": [[0]]}' -X POST
104.198.244.0:8192/v1/models/linear_model:predict`

W15 - Tareas

- 1 Upload SS tensorflow serving in Docker