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ENPLORING THE DEEP
                        LEARNING PLATFORMS
31107/2019
      rensor flow:-
    creator: Google briain (2015)
    Moun features:
                   -> Supports CPU's GPU's , TPU's
           -> Large ecosystem
                     > Production ready.
    Use cases: -> Large scale ML1 DL deployment
                -> Image Classification
                -> NLP
   2. PyTorch :-
    Creator: Facebook A? Research (2016)
    Main Features: -> Dynamic Computation graphs
                   -> Pythonic & easy debugging
                   -> strang community support
                -> Research experiments
    Use cases:
                -> Conputer vision
               -> NLP
   3. Google Coles :-
           Google (2017)
   Main Features: - Moud based jupyter environment
                    -> Free GPU / TPU supports
                    -> easy shawing via google drive
              - Quick prototyping
   Use Cases:
              -> Leaving deep leaving without local
                  server
```

4. Jupyter Notebook Copen source?:

Main Features: -> Interactive coding

-> Markdown + visualization suppor

-> works with multiple languages

Use Cases: -> Data Science workflows

Teaching and downertation

Platform	key Differences
Tensor Clow	Uses Static computation graphs. More production - ready with strong
and a section	deployment Support.
Pyrosch	Uses dynamic computation graphs
Google Colab	Cloud-based, free GPU (TPU Support, no Protableton needed
Japytes Notebook	Local Prévactive environnent, supporte multiple languages.

Result: Enplored various deep learning frameworks and understood. their wecases.

13/13/1

Leaving

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