Understanding the problem statement

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- **Objective**: Classifying cricket shot using the pose of a player

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Pose

Detector

Understanding the problem statement

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Pose Detector

Pose Classifier

Drive

Understanding the Dataset

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- 290 images: 4 different classes

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- 290 images: 4 different classes
  - Cut
  - Drive
  - Sweep
  - Pull

Understanding the Dataset

- 290 images: 4 different classes
  - Cut
  - Drive
  - Sweep
  - Pull
- Around 70 images for each class

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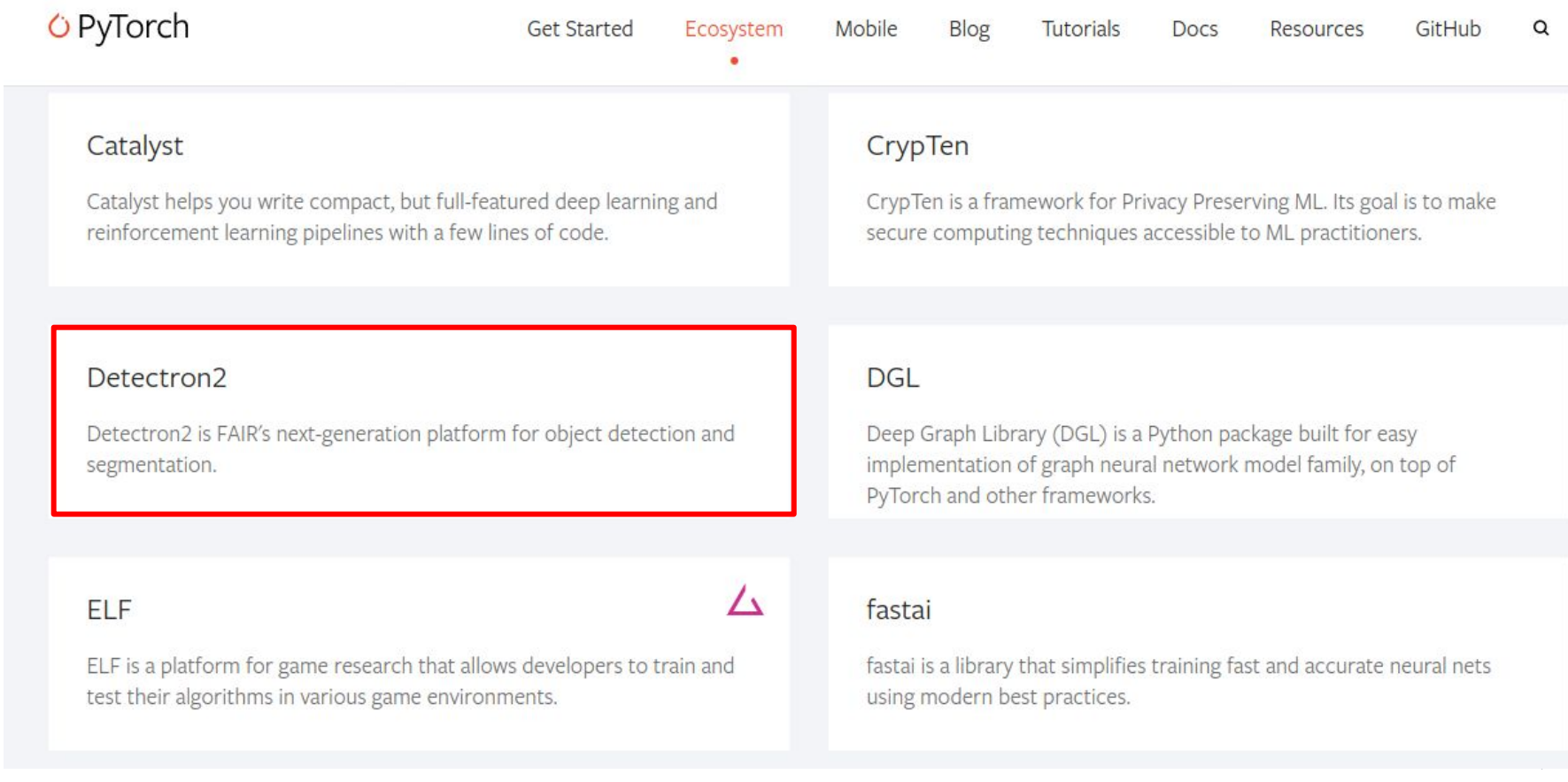
Understanding the Dataset



Steps to solve the Pose Detection problem

1. Install Dependencies

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2. Load and pre-process the data

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3. Data Augmentation

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4. Detecting pose using detectron2

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Steps to solve the Pose Detection problem

1. Install Dependencies
2. Load and pre-process the data
3. Data Augmentation
4. Detecting pose using detectron2
5. Classifying cricket shot using pose of a player

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Steps to solve the Pose Detection problem

1. Install Dependencies
2. Load and pre-process the data
3. Data Augmentation
4. Detecting pose using detectron2
5. Classifying cricket shot using pose of a player
6. Evaluating model performance

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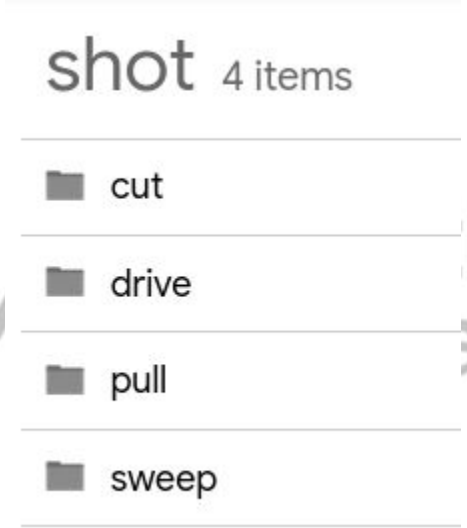
Overview of the dataset



Thank You

Analytics
Vidhya