***Table 1 Data Split Counts and Percentages***

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Set | Animal Faces | Human Faces | Total Image | Percentage |
| Single Prediction | 1 | 1 | 2 | ≈0.007% |
| Training | 10,240 | 10,240 | 20,480 | 70% |
| Validation | 2,194 | 2,194 | 4,388 | 15% |
| Test | 2,195 | 2,195 | 4,390 | 15% |
| Total | 14,630 | 14,630 | 29,260 | 100% |

***Data flow Pipe Line***

CNN\_Project\_Group\_17/

│── Data/ (Original Images)

│ ├── Animals/ (14,630 images)

│ ├── Humans/ (14,630 images)

│

│── dataset/ (Processed dataset)

│ ├── train/ (20,480 images total)

│ │ ├── Animals/ (10,240 images)

│ │ ├── Humans/ (10,240 images)

│ │

│ ├── val/ (4,388 images total)

│ │ ├── Animals/ (2,194 images)

│ │ ├── Humans/ (2,194 images)

│ │

│ ├── test/ (4,390 images total)

│ │ ├── Animals/ (2,195 images)

│ │ ├── Humans/ (2,195 images)

│ │

│ ├── single\_prediction/ (2 images total)

│ │ ├── Animals.jpg (1 image)

│ │ ├── Humans.jpg (1 image)