

Progress Presentation

Team - The Scalars

Team Members :

Ishita Gupta
Raina Dsouza
Saeed Bachute
Sania Valiyani
Urja Tendolkar

July 10, 2024

Raina, Saeed and Urja :

1. Learnt Machine Learning, Deep Learning and Natural Language Processing basics
2. Implemented the Image Captioning Model in Python (BLEU score 51%)
3. Finalized the model (Training and Testing)

Out [87]:

-----Actual-----

startseq man on bicycle riding down rocky hill endseq

startseq man rides his dirt bike down rocky trail endseq

startseq person rides bike down rocky hill endseq

startseq blurry picture of mountain biker descending rocky trail endseq

startseq the mountain biker in blue rides down rocky path endseq

-----Predicted-----

startseq woman rides bike down rocky path endseq



Progress Report

Ishita :

1. Loaded Python model in Flask

Sania :

1. Working on UI in React

Plan until next presentation

1. Working on implementing the model in Scala
2. Creating API in Flask to handle the model predictions
3. Creating UI with React for Scala model