

## DAN Report

Ronak Agarwal

1. Report the accuracy on the dev set.
  - a. Precision @1: 0.0440 Recall: 0.3680
2. Look at the development set and give some examples and explain the possible reasons why these examples are predicted incorrectly (remember that this is what eval.py does for you).
  - a. Question 1
    - i. Question: According to Eustathius, this god killed a king of Cyprus who sent earth-made ships and fake men instead of the fifty manned ships which he promised Agamemnon. This killer of Cinyras also killed a being who picked up the aulos that Athena cast away upon being horrified at her reflection. This god transformed the nymph Castalia into a spring, and he fathered the beekeeper Aristaeus. At the beginning of the Iliad, this god spreads a plague among the Greeks. This god gave a pair of asses' ears to Midas, and he flayed the satyr Marsyas after beating him in a music contest. With his sister, this archer god killed the children of Niobe. For 10 points, name this Greek god who killed the python and established the Oracle at Delphi, the brother of Artemis.
    - ii. Guess: Poseidon
    - iii. Answer: Apollo
    - iv. Explanation: In the first question, the model might have been confused by the mention of killing a king of Cyprus and transforming a nymph into a spring, which are associated with Poseidon. However, other clues such as spreading a plague among the Greeks and establishing the Oracle at Delphi are more closely associated with Apollo.
  - b. Question 2
    - i. Question: A painter from this country showed his daughter sitting on a fence with her feet dangling above the wild grass in the painting Dragonfly. Another artist from here showed gulls flying over dark blue waters in front of two Viking ships in Guests from Overseas. The works of one painter from this country appeals to the peasant because he paints effect while Picasso paints cause, according to Clement Greenberg's "Avant-Garde and Kitsch." An

artist from this country depicted a group of semi-nomadic warriors who are gathered around a table, laughing at the insulting letter they are drafting for Mehmed IV, and also painted eleven disheveled and exhausted men who drag a barge along the banks of the Volga. For 10 points, name this country home to Nicholas Roerich and Ilya Repin.

- ii. Guess: Belgium
- iii. Answer: Russian Empire
- iv. Explanation: In the second question, the model might have been misled by the mention of the painting Dragonfly, which could be associated with Belgium's symbol, the dragonfly. However, the other clues such as Viking ships, the Volga River, and the mention of Mehmed IV suggest a different location, which is Russia.