My email requesting reviews:

Ward, Michael C. S&T-Student <mcw625@mst.edu>
to bcc: asgqyf, bcc: satk5n, bcc: sjpmt ▾

Hello!
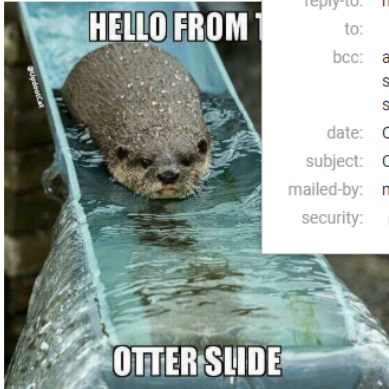
from:	**Ward, Michael C. S&T-Student** <mcw625@mst.edu>
reply-to:	mcw625@mst.edu
to:	
bcc:	asgqyf@mail.umsl.edu,
	satk5n@mail.umsl.edu,
	sjpmt@mail.umsl.edu
date:	Oct 1, 2019, 11:47 PM
subject:	CS 5300 Project Proposal
mailed-by:	mst.edu
security:	🔒 Standard encryption (TLS) Learn more

HELLO FROM T...

OTTER SLIDE

I have attached my Artificial Intelligence Project Proposal. If you would be so kind as to look at it and provide what feedback you can, I would greatly appreciate it.

Thanks!
Michael Ward
Computer Science Senior
Missouri University of Science and Technology

📄 **Artificial Intelligen...**

I only received one review, from Scott Tabaka. It is attached on the next page.
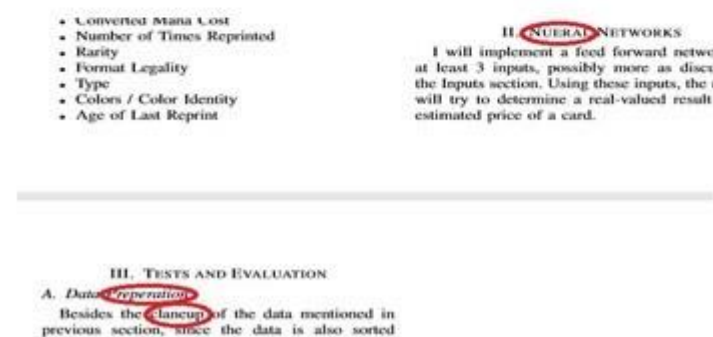
Scott Tabaka's review of my proposal:

Michael Ward AI proposal reviewed by Scott Tabaka

Proposal Evaluation Criterion

1. [1 point] Description of the dataset, its source, and motivation for the project
2. [1 point] Visualize/Plot the distribution of each input features and discuss the range of the values (min, max, mean, median, etc.)
   - For example, plot histograms showing distribution of each input features
3. [1 point] Discussion of the distribution of the output labels
   - In case of classification, check if the data is imbalanced
   - In case of regression, check if the values are uniformly distributed or not
4. [1 point] Discussion of how the data will be normalized
5. [1 point] Discussion of how the data will be split to training, validation, and test sets
6. [1 point] Discussion of what kinds of neural network architectures will be tested
7. [1 point] Discussion of how neural network models will be selected
8. [1 point] Discussion of how predictions on the test set will be evaluated
9. [1 point] Discussion of the performance of the models will be improved

1. This looks good.
2. Atleast you explained why this data is not present, so I think this is good.
3. This looks good.
4. This looks good.
5. This looks good.
6. Maybe discuss the layers that will be used in the neural network.
7. This looks good.
8. This looks good.
9. This looks good.

Overall this proposal is put together very well. There are a few typos i found in the picture below since I could not really find anything else wrong with your proposal. This proposal looks really good and I hope this helps!

- Converted Mana Cost
- Number of Times Reprinted
- Rarity
- Format Legality
- Type
- Colors / Color Identity
- Age of Last Reprint

II. NUERAL NETWORKS

I will implement a feed forward netwe at least 3 inputs, possibly more as disci the Inputs section. Using these inputs, the will try to determine a real-valued result estimated price of a card.

III. TESTS AND EVALUATION

A. Data Preperation

Besides the claneup of the data mentioned in previous section, since the data is also sorted

I have fixed the typos he mentioned. The layers that will be used I am unsure of at the moment as I haven't fully figured out the inputs, but I will determine those at a later point.