

Draft Rubric for MinneMUDAC 2019

Project Team ID:	
Judge Team ID:	

Category	4 = Superior	3	2	1 = Emerging	Score
Accuracy of Prediction <u>Weights</u> U/G/O: 25% Novice: 0%	<p>Accuracy of prediction will be determined using absolute error in the commodity closing price of soybeans over 5 consecutive trading days for three future contract dates. The team with the highest accuracy will receive a score of 4, the team with the lowest accuracy will receive a score of 1, and linear interpolation will be used to score remaining teams.</p> $\sum_{Months} \sum_{Days} Predicted\ Closing\ Price - Actual\ Closing\ Price $ <ul style="list-style-type: none"> The summation over <i>Months</i> will include future contract dates of March 2020, May 2020, and July 2020 The summation over <i>Days</i> will include the week of Nov 4 – Nov 8, 2019 				
Completeness and breadth in answering questions U/G/O: 15% Novice: 25%	The analysis provided insights into the soybean market, and the analysis was thorough, insightful, actionable, and thought provoking.	The analysis provided insights into the soybean market, and the analysis was thorough, insightful and actionable.	The analysis provided limited insight into the soybean market, and the analysis, while incomplete, appears to be actionable.	The analysis provided limited insight into the soybean market, and the analysis does not appear to be actionable.	
Appropriateness of analytical methods used U/G/O: 15% Novice: 20%	Procedures used show an advanced understanding of data analytics / statistics, and are appropriate and correctly applied.	Procedures used show an understanding of data analytics / statistics, and are appropriate and correctly applied.	Procedures used show a basic understanding of data analytics / statistics, or mistakes appear in the analysis.	Procedures used are not appropriate, or serious mistakes appear in the analysis.	
Creativity & Innovation U/G/O: 15% Novice: 20%	Creative/original methods were used in the analysis and discussion of results, and the results are feasible and easy to implement.	Creative/original methods were used in the analysis and discussion of results, and the results, while insightful, may not be feasible or easy to implement.	Limited creativity/originality was used in the analysis and discussion of results, the outcomes were conventional.	The analysis and discussion of results were not creative, original, nor innovative, the outcomes were conventional.	

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Communication of Results U/G/O: 15% Novice: 20%	Both the methods used and discussion of results are conveyed in a detailed manner that is easily understood. The speakers are engaging, and provide thoughtful insight in response to interview questions.	The methods used and discussion of results are conveyed in a manner that is ultimately understood. The speakers give clear, thoughtful responses to interview questions, and are engaging.	The description of methods used or the discussion of results are sometimes incomplete or difficult to understand. The speakers were not engaging and did not adequately answer the interview questions.	The description of methods used or the discussion of results were difficult to follow and understand. The speakers were not engaging and did not adequately answer the interview questions.	
Data Preparation U/G/O: 10% Novice: 10%	U/G/O: A variety of data sources were used, data was joined correctly, etc. Most data issues/concerns were properly resolved. Novice: Most data issues/concerns were identified and were properly resolved.	U/G/O: A variety of data sources were used, data was joined correctly, etc. Only some data issues/concerns were properly resolved. Novice: Most data issues/concerns were identified, but some were not properly resolved.	U/G/O: A single data source was used. Data issues/concerns were properly resolved. Novice: Some data issues/concerns were identified, but not properly resolved.	U/G/O: A single data source was used. Data issues/concerns were not properly resolved. Novice: Data issues/concerns were not identified and were not properly resolved.	
Team Synergy U/G/O: 5% Novice: 5%	The team demonstrates a high level of coordination, cooperation and synergy, and most team members participated in the discussion.	The team appears to demonstrates cooperation and synergy, only some team members participated in the discussion.	The team lacks consistent demonstration of coordinated teamwork, very few team members participated in the discussion.	Only one team member participated in the discussion.	

Comments:
