

**IS 597-MLC – Machine Learning Pipelines Using Cloud-Based Platforms**  
**Instructor: Kevin Trainor**  
**Assignment: Final Project Proposal**  
**Course Component: Final Project**  
**Grading Rubric**

## Submission

### Timeliness (10 available points)

#### Requirements

Must be submitted by date and time indicated in the weekly schedule.

Percent Credit	Description
100	On Time
50	Up to 3 days late
0	More than 3 days late
0	Not submitted or submitted too late

### File Submitted (10 available points)

#### Requirements

Submit only 1 file.

File type must be .PDF.

File name must conform to all requirements stated in assignment instructions.

Percent Credit	Description
100	Meets all expectations.
50	Meets nearly all expectations.
0	Does not meet expectations.
0	Not submitted or submitted too late.

## Motivation & Objective

### Completeness (15 available points)

#### Requirements

Provides 2 or 3 research questions.

Description length should be 2 or 3 paragraphs.

Percent Credit	Description
100	Meets all expectations.
90	Meets nearly all expectations.
75	Meets most expectations.
50	Meets some expectations.
25	Meets few expectations.
10	Meets nearly no expectations.
0	Meets no expectations.
0	Not submitted or submitted too late.

### Technique (5 available points)

#### Requirements

Must be written in professional prose organized into paragraphs.

Writing must conform to professional standards for grammar, spelling, and choice-of-words.

Content must be formatted in a professional manner that facilitates easy reading.

Percent Credit	Description
100	Meets all expectations.
90	Meets nearly all expectations.
75	Meets most expectations.
50	Meets some expectations.
25	Meets few expectations.
10	Meets nearly no expectations.
0	Meets no expectations.
0	Not submitted or submitted too late.

## Related Articles

### Completeness (7 available points)

#### Requirements

Provides citations of 4 articles.

Description of each article should be 3 or 4 sentences.

Percent Credit	Description
100	Meets all expectations.
90	Meets nearly all expectations.
75	Meets most expectations.
50	Meets some expectations.
25	Meets few expectations.
10	Meets nearly no expectations.
0	Meets no expectations.
0	Not submitted or submitted too late.

### Technique (3 available points)

#### Requirements

Must be written in professional prose organized into paragraphs.

Writing must conform to professional standards for grammar, spelling, and choice-of-words.

Content must be formatted in a professional manner that facilitates easy reading.

Percent Credit	Description
100	Meets all expectations.
90	Meets nearly all expectations.
75	Meets most expectations.
50	Meets some expectations.
25	Meets few expectations.
10	Meets nearly no expectations.
0	Meets no expectations.
0	Not submitted or submitted too late.

## Data Collection

### Completeness (15 available points)

#### Requirements

Provides a summary description of the data set in 6 to 8 sentences.

Provides a table that includes data set attributes.

Percent Credit	Description
100	Meets all expectations.
90	Meets nearly all expectations.
75	Meets most expectations.
50	Meets some expectations.
25	Meets few expectations.
10	Meets nearly no expectations.
0	Meets no expectations.
0	Not submitted or submitted too late.

### Technique (5 available points)

#### Requirements

Must be written in professional prose organized into paragraphs.

Writing must conform to professional standards for grammar, spelling, and choice-of-words.

Content must be formatted in a professional manner that facilitates easy reading.

Percent Credit	Description
100	Meets all expectations.
90	Meets nearly all expectations.
75	Meets most expectations.
50	Meets some expectations.
25	Meets few expectations.
10	Meets nearly no expectations.
0	Meets no expectations.
0	Not submitted or submitted too late.

## Data Pre-Processing

### Completeness (15 available points)

#### Requirements

Provides 1 to 2 paragraphs that explain the plan to clean the data.

Percent Credit	Description
100	Meets all expectations.
90	Meets nearly all expectations.
75	Meets most expectations.
50	Meets some expectations.
25	Meets few expectations.
10	Meets nearly no expectations.
0	Meets no expectations.
0	Not submitted or submitted too late.

### Technique (5 available points)

#### Requirements

Must be written in professional prose organized into paragraphs.

Writing must conform to professional standards for grammar, spelling, and choice-of-words.

Content must be formatted in a professional manner that facilitates easy reading.

Percent Credit	Description
100	Meets all expectations.
90	Meets nearly all expectations.
75	Meets most expectations.
50	Meets some expectations.
25	Meets few expectations.
10	Meets nearly no expectations.
0	Meets no expectations.
0	Not submitted or submitted too late.

## References

### Completeness (7 available points)

#### Requirements

Provides citations for articles from Related Articles section.

Also provides citations for Motivation & Objective section.

Percent Credit	Description
100	Meets all expectations.
90	Meets nearly all expectations.
75	Meets most expectations.
50	Meets some expectations.
25	Meets few expectations.
10	Meets nearly no expectations.
0	Meets no expectations.
0	Not submitted or submitted too late.

### Technique (3 available points)

#### Requirements

Must conform to a standard citation style such as APA, MLA, Chicago, etc..

Percent Credit	Description
100	Meets all expectations.
90	Meets nearly all expectations.
75	Meets most expectations.
50	Meets some expectations.
25	Meets few expectations.
10	Meets nearly no expectations.
0	Meets no expectations.
0	Not submitted or submitted too late.

**Total Available Points = 100**