



## Final Exam

الاسم: ..... اللقب: ..... التخصص/الفوج: .....

### Exercise 1: (06 pts)

1. Identify each sentence as simple, compound, complex, or compound-complex. Justify your answer by stating the number of Independent Clauses (IC) and Dependent Clauses (DC)

- AI is transforming industries and creating new opportunities.
- Although it was challenging, the team completed the project on time.
- The system crashed, but the backup was restored quickly.
- When the data was cleaned, we trained the model, and it performed well.

| Sentence | Type | Nbr of ICs | Nbr of DCs |
|----------|------|------------|------------|
| A        |      |            |            |
| B        |      |            |            |
| C        |      |            |            |
| D        |      |            |            |

2. Underline the main clause and put the subordinate clause in brackets.

- Because the network was overloaded, the application slowed down.
- The algorithm, which we developed last year, is now open-source.

3. Circle the conjunction in the following sentence and replace it with a similar one.

a) While the prototype works, it is not yet efficient.

.....

b) We can use Python for scripting, so we decided to adopt it for automation.

.....

### Exercise 2: (07 pts)

1. In each of the following sentences, identify the wordy or redundant phrase(s), name its type (Deadwood, Nominalization, Redundant Pair, or Excessive Prepositional Phrase), and provide a concise alternative.

- In the event that the server fails, the system will initiate a switchover.
- We conducted an investigation into the security breach.
- The final outcome of the project was a success.
- The development of a new protocol for the purpose of encryption is underway.

| Sentence | Wordy Phrase | Type | Concise Alternative |
|----------|--------------|------|---------------------|
|          |              |      |                     |

|   |  |  |  |
|---|--|--|--|
| a |  |  |  |
| b |  |  |  |
| c |  |  |  |
| d |  |  |  |

2 Underline all instances of wordiness. Then rewrite the entire paragraph concisely.

In this paper, we carry out an investigation into the performance of a variety of machine learning models with regard to their ability to make predictions about stock market trends. Due to the fact that financial data is inherently noisy, we make use of a number of different preprocessing techniques. The final outcome of our research provides a demonstration of the fact that ensemble methods have the capability of outperforming singular models in this particular domain.

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### Exercise 3: (07 pts)

1. Circle the correct form (adjective or adverb) in each sentence.

|  |   |
|--|---|
| a) The system runs (efficient / efficiently).          | b) This is a (critical / critically) component.   |
| c) The model performs (good / well) on large datasets. | d) She explained the algorithm (clear / clearly). |

2. Write the passive form of the following sentences.

a) The team developed a new encryption method.

.....

b) Engineers are testing the prototype.

.....

3. In each sentence, underline the verb, circle the adjective, and put the adverb in brackets.

a) The new protocol securely transmits data.

b) He quickly analyzed the complex log file.

4. Arrange the words to form meaningful sentences.

a) are / there / dozens / programming / in / languages / use / today/of.

.....

b) cybersecurity / essential / for / is / business / modern / protection.

.....

## Exam Correction

### Exercise 1: (06 pts)

1. Identify each sentence as simple, compound, complex, or compound-complex. Justify your answer by stating the number of Independent Clauses (IC) and Dependent Clauses (DC)

- a) AI is transforming industries and creating new opportunities.
- b) Although it was challenging, the team completed the project on time.
- c) The system crashed, but the backup was restored quickly.
- d) When the data was cleaned, we trained the model, and it performed well.

| Sentence | Type             | Nbr of ICs | Nbr of DCs |
|----------|------------------|------------|------------|
| A        | Simple           | 1          | 0          |
| B        | Complex          | 1          | 1          |
| C        | Compound         | 2          | 0          |
| D        | Compound-Complex | 2          | 1          |

2. Underline the main clause and put the subordinate clause in brackets.

- a) (Because the network was overloaded), the application slowed down.
- b) The algorithm, (which we developed last year), is now open-source.

3. Circle the conjunction in the following sentence and replace it with a similar one.

- b) While the prototype works, it is not yet efficient.

.....Although.....

- b) We can use Python for scripting, so we decided to adopt it for automation.

.....thus.....

### Exercise 2: (07 pts)

1. In each of the following sentences, identify the wordy or redundant phrase(s), name its type (Deadwood, Nominalization, Redundant Pair, or Excessive Prepositional Phrase), and provide a concise alternative.

- e. In the event that the server fails, the system will initiate a switchover.
- f. We conducted an investigation into the security breach.
- g. The final outcome of the project was a success.
- h. The development of a new protocol for the purpose of encryption is underway.

| Sentence | Wordy Phrase                    | Type           | Concise Alternative |
|----------|---------------------------------|----------------|---------------------|
| a        | In the event that               | Deadwood       | If                  |
| b        | conducted an investigation into | Nominalization | investigated        |
| c        | final outcome                   | Redundant Pair | outcome / result    |

|   |                                      |                                |                                      |
|---|--------------------------------------|--------------------------------|--------------------------------------|
| d | development of... for the purpose of | Excessive Prepositional Phrase | developing a new protocol to encrypt |
|---|--------------------------------------|--------------------------------|--------------------------------------|

2 Underline all instances of wordiness. Then rewrite the entire paragraph concisely.

In this paper, we **carry out an investigation into** the performance of a variety of machine learning models **with regard to their ability to make predictions about** stock market trends. **Due to the fact that** financial data is inherently noisy, we **make use of a number of** different preprocessing techniques. **The final outcome** of our research **provides a demonstration of the fact that** ensemble methods **have the capability of** outperforming singular models **in this particular domain.**

## Concise rewrite:

This paper investigates how well machine learning models predict stock market trends. Because financial data is noisy, we used several preprocessing techniques. Our results show that ensemble methods outperform single models in this domain.

**Exercise 3: (07 pts)**

1. Circle the correct form (adjective or adverb) in each sentence.

- a) The system runs (efficient / **efficiently**).
- b) This is a (**critical** / critically) component.
- c) The model performs (good / **well**) on large datasets.
- d) She explained the algorithm (clear / **clearly**).

2. Write the passive form of the following sentences.

a) The team developed a new encryption method.

A new encryption method was developed by the team....

b) Engineers are testing the prototype.

The prototype is being tested by engineers.

3. In each sentence, underline the verb, circle the adjective, and put the adverb in brackets.

a) The **new** protocol (securely) transmits data.

b) He (quickly) analyzed the **complex** log file.

**4. Arrange the words to form meaningful sentences.**

a) are / there / dozens / programming / in / languages / use / today/of.

There are dozens of programming languages in use today....

b) cybersecurity / essential / for / is / business / modern / protection.

Cybersecurity is essential for modern business protection.