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[illegible]

Keyword1, Keyword2, Keyword3 ...

## Introduction

[5], and mT5 [6], demonstrate strong multilingual capabilities. However, Slovenian, being a low-resource language, remains under-represented in large-scale training corpora [7]. Locally fine-tuned models such as SloT5 [8] have emerged to address this gap, showing promise in domain-specific Slovenian text generation.

A crucial challenge in this domain is balancing between **fine-tuning** and **prompt engineering**. Fine-tuning LLMs on domain-specific text can improve accuracy but requires computational resources and well-annotated data [9]. Prompt engineering, on the other hand, provides a lighter-weight alternative by designing effective input prompts to guide the model’s response [10]. For structured and time-sensitive content like traffic news, a hybrid approach may be necessary, combining a base model with well-optimized prompting techniques.

Additionally, context-aware traffic reporting can benefit from external data sources, such as live weather updates, public holiday schedules, and road congestion analytics. Studies have indicated that integrating real-time sensor data and probabilistic event modelling improves the predictive accuracy of automated reports [11].

Based on these insights, the following sections analyse the provided structured dataset of Slovenian traffic news, examining patterns in report generation and urgency to inform an AI-based automation approach.

## Literature Review

One of the key considerations in automating Slovenian traffic news is the availability and adaptability of LLMs for multilingual text generation. Studies have shown that most state-of-the-art models, including OpenAI’s GPT series [4], BLOOM

## Methods

Use the Methods section to describe what you did and how you did it – in what way did you prepare the data, what algorithms did you use, how did you test various solutions ... Provide all the required details for a reproduction of your work.

Below are  $\LaTeX$  examples of some common elements that you will probably need when writing your report (e.g. figures, equations, lists, code examples ...).

### Equations

You can write equations inline, e.g.  $\cos \pi = -1$ ,  $E = m \cdot c^2$  and  $\alpha$ , or you can include them as separate objects. The Bayes's rule is stated mathematically as:

$$P(A|B) = \frac{P(B|A)P(A)}{P(B)}, \quad (1)$$

where  $A$  and  $B$  are some events. You can also reference it – the equation 1 describes the Bayes's rule.

### Lists

We can insert numbered and bullet lists:

1. First item in the list.
  2. Second item in the list.
  3. Third item in the list.
- First item in the list.
  - Second item in the list.
  - Third item in the list.

We can use the description environment to define or describe key terms and phrases.

**Word** What is a word?.

**Concept** What is a concept?

**Idea** What is an idea?

### Random text

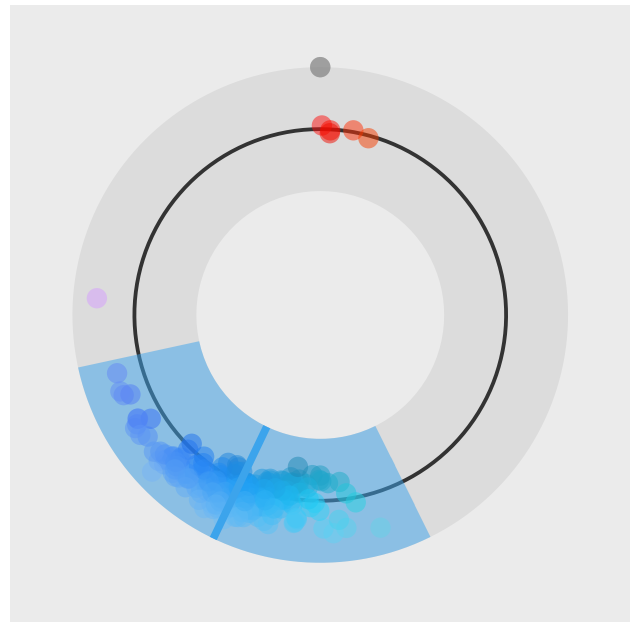
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### Figures

You can insert figures that span over the whole page, or over just a single column. The first one, Figure 1, is an example of a figure that spans only across one of the two columns in the report.



**Figure 1. A random visualization.** This is an example of a figure that spans only across one of the two columns.

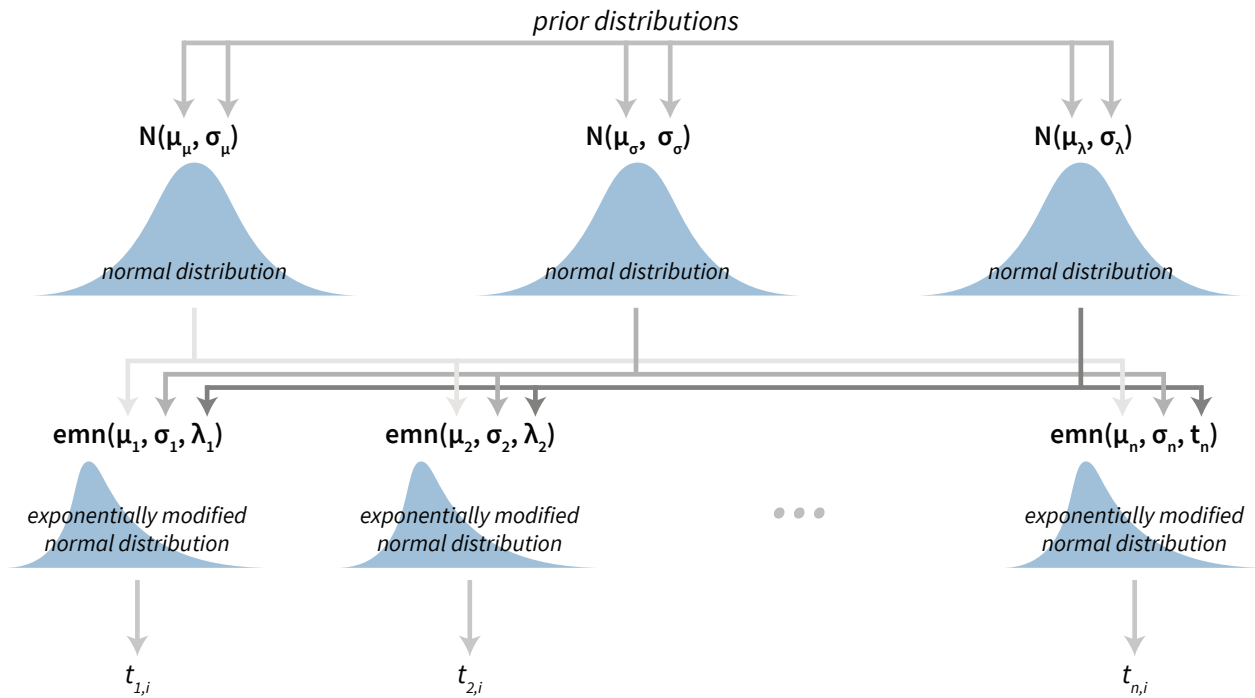
On the other hand, Figure 2 is an example of a figure that spans across the whole page (across both columns) of the report.

### Tables

Use the table environment to insert tables.

**Table 1.** Table of grades.

Name		Grade
First name	Last Name	
John	Doe	7.5
Jane	Doe	10
Mike	Smith	8



**Figure 2. Visualization of a Bayesian hierarchical model.** This is an example of a figure that spans the whole width of the report.

### Code examples

You can also insert short code examples. You can specify them manually, or insert a whole file with code. Please avoid inserting long code snippets, advisors will have access to your repositories and can take a look at your code there. If necessary, you can use this technique to insert code (or pseudo code) of short algorithms that are crucial for the understanding of the manuscript.

#### Listing 1. Insert code directly from a file.

```
import os
import time
import random

fruits = ["apple", "banana", "cherry"]
for x in fruits:
    print(x)
```

#### Listing 2. Write the code you want to insert.

```
import (dplyr)
import (ggplot)

ggplot (diamonds,
        aes(x=carat, y=price, color=cut)) +
  geom_point() +
  geom_smooth()
```

## Results

Use the results section to present the final results of your work. Present the results in a objective and scientific fashion. Use

visualisations to convey your results in a clear and efficient manner. When comparing results between various techniques use appropriate statistical methodology.

### More random text

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## Discussion

Use the Discussion section to objectively evaluate your work, do not just put praise on everything you did, be critical and exposes flaws and weaknesses of your solution. You can also explain what you would do differently if you would be able to start again and what upgrades could be done on the project in the future.

## Acknowledgments

Here you can thank other persons (advisors, colleagues ...) that contributed to the successful completion of your project.

## References

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