# Good Morning Text

## Background

Whenever I wake up in the morning, there’s always a few set things that I do before I start my day. These include checking what the weathers like, latest market and global news, how my stocks performed overnight, what the traffics like either heading to work or university and any relevant sporting events that happened. This is something that can be automated and collated together, sent as one text each morning.

## Implementation

There’s a lot of features that can be implemented:

News

* Latest global events
* Market updates

Weather (Auckland)

* Chance of rainfall
* Temperature
* Humidity
* Wind speed
* Suggested layers of clothing
* [Free Weather API - WeatherAPI.com](https://www.weatherapi.com/)

Traffic commute information

* Home to university
* Home to work
* [Distance Matrix API overview  |  Google for Developers](https://developers.google.com/maps/documentation/distance-matrix/overview)
* [openrouteservice](https://openrouteservice.org/)
* [HERE Base Plan | Location Services | Pricing | HERE](https://www.here.com/get-started/pricing)

Sport scores

* NBA games summary
* [NBA-Scores-Summary/NBAScores.py at master · marcuscaisey/NBA-Scores-Summary](https://github.com/marcuscaisey/NBA-Scores-Summary/blob/master/NBAScores.py)

Daily quote/inspiration

Word of the day

## Methods

Sending via text

* Costs money
* A lot of packages don’t support New Zealand numbers

Email

Whatsapp

## Relevant Sources

[How To Automate Good Morning Text With Python](https://www.codewithtomi.com/2021/04/how-to-automate-good-morning-text-with.html)

[Sending Emails With Python – Real Python](https://realpython.com/python-send-email/)

[kalecream/morning-messages: A simple python script to send cute messages to my boyfriend via Whatsapp web](https://github.com/kalecream/morning-messages)

[Python Send Email: Tutorial with Code Snippets [2024]](https://mailtrap.io/blog/python-send-email/#Send-an-HTML-email)

[Developing ‘A Word A Day’ Bot using Python | by Pushpendra Sharma | Medium](https://medium.com/@sharmapushpendra342/developing-a-word-a-day-bot-using-python-6088080e1d12)