Email for Data Science

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- Why email?
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- Why is email hard?
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2 The whole game

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- Sending the email
- Content: Sending a fancier email
- Configuring: subject and attachments
- Orchestration: testing email

Year	Name	Country	Manufacturer	Panels
1950	Duplo T	Brazil	Superball	12
1954	Swiss World Champ	Switzerland	Kost Sport	18
1958	Top Star	Sweden	Sydlader AB	24
1962	Crack	Chile	Curtiembres Salvador Caussade	18
1966	Challenge 4-Star	England	Slazenger	25
1970	Telstar	Mexico	Adidas	32

```python
from dotenv import load_dotenv
import os
from redmail import gmail
```

```python
email_subject = "World Cup Soccer Balls"

email_sender = "SampleSender@gmail.com"
email_receiver = "You@gmail.com"

email_html = """
For a number of decades in the middle of the 20th century, the nature of the soccer ball char

<table style="width: 100%; font-size: 0.8em;">
  <thead>
    <tr>
      <th style="border-bottom: 1px solid #ccc;">Year</th>
```

```
        <th style="border-bottom: 1px solid #ccc;">Name</th>
        <th style="border-bottom: 1px solid #ccc;">Country</th>
        <th style="border-bottom: 1px solid #ccc;">Manufacturer</th>
        <th style="border-bottom: 1px solid #ccc; text-align: right;">Panels</th>
      </tr>
  </thead>
  <tbody>
      <tr>
        <td>1950</td>
        <td>Duplo T</td>
        <td>Brazil</td>
        <td>Superball</td>
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```
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      </tr>
    </tbody>
</table>

I hope you enjoy! <br><br>

Regards, <br>
Jules
"""
```

```
load_dotenv()

email_sender = "yourGmail@gmail.com"
password = os.environ["GMAIL_APP_PASSWORD"]

gmail.username = email_sender
gmail.password = password

gmail.send(
    subject="An Example Email",
    receivers=[username],
    html=email_html,
    text=email_plaintext,
)
```

```
username = "me@gmail.com"

gmail.username = username
gmail.password = os.environ["GMAIL_APP_PASSWORD"]

gmail.send(
    subject="An example email",
    receivers=[username],
    html=email_html,
)
```

Part I

Content

3 Embedding images and tables

4 Layout main components

Part II

Configuring

5 Subject and something else

6 Attachments

Part III

Orchestrating

7 Authentication

8 Testing emails