* Overview of sending emails using Python
* Different Platforms to send emails
* Signing up for Sendgrid
* Generate API Key for Sendgrid
* Sending email using smtplib
* Getting started with sendgrid
* Sending email using sendgrid library
* Exercise and Solution

1. Which method in pymongo is used to connect to a MongoDB server?

a. connect()

b. insert\_one()

c. find\_one()

d. delete\_one()

Answer: a. connect()

1. What is the module in Python used to send emails?

a. smtplib

b. requests

c. urllib

d. Json

Answer: a. Smtplib

1. Which platform offers a free plan for sending a limited number of emails per month?

a. Gmail

b. Yahoo Mail

c. Microsoft Outlook

d. SendGrid

Answer: d. SendGrid

1. What information is required to sign up for a Sendgrid account?

a. Email address and password

b. Name and email address

c. Company name and address

d. Credit card information

Answer: a. Email address and password

1. How can you generate an API key in Sendgrid?

a. By logging in to the Sendgrid website and navigating to the API key settings

b. By sending an email to Sendgrid support requesting an API key

c. By creating a new Sendgrid account

d. By installing the Sendgrid Python library

Answer: a. By logging in to the Sendgrid website and navigating to the API key

Settings

1. What is the syntax for importing the smtplib module in Python?

a. import smtp

b. import email

c. import smtplib

d. import mail

Answer: c. import smtplib

1. What is the syntax for creating a Sendgrid API client object in Python?

a. client(api\_key='YOUR\_SENDGRID\_API\_KEY')

B. connect(api\_key='YOUR\_SENDGRID\_API\_KEY')

c. Session(api\_key='YOUR\_SENDGRID\_API\_KEY')

d. SendGridAPIClient(api\_key='YOUR\_SENDGRID\_API\_KEY')

Answer: d. SendGridAPIClient(api\_key='YOUR\_SENDGRID\_API\_KEY')

1. What is the syntax for creating a Sendgrid email object in Python?

a. Email(from\_address, to\_address, subject, message)

b. Mail(from\_address, to\_address, subject, message)

c. Message(from\_address, to\_address, subject, message)

d. Content(from\_address, to\_address, subject, message)

Answer: b. Mail(from\_address, to\_address, subject, message)

1. API keys are required to access SendGrid's services. How can you generate an API key?

a) Go to the SendGrid dashboard and click on "API Keys" under "Settings"

b) Send an email to SendGrid support requesting an API key

c) Install the SendGrid API package using pip and the key will be automatically generated

d) None of the above

Answer: a) Go to the SendGrid dashboard and click on "API Keys" under "Settings"

1. Which platform allows you to send emails using a custom domain name?

a. Gmail

b. Yahoo Mail

c. Microsoft Outlook

d. SendGrid

Answer: d. SendGrid