```
Welcome To Colab 🔌 Cannot save changes
       File Edit View Insert Runtime Tools Help
Copy to Drive
                                Check for special characters
Table of contents
                                                 if re.search(r"[!@#$%^&*(),.?\":{}|<>]", password):
Q
      Welcome to Colab!
                                                    score += 1
                                                     messages.append("Add at least one special character (!@#$...).")
         Getting started
         Data science
⊙ಾ
                                                 if password.lower() in weak_passwords:
                                                    messages.append("Password is too common or weak.")
         Machine learning
More Resources
                                                     score += 1
           Featured examples
                                                 print("\nPassword Strength Score:", score, "/ 6")
      + Section
                                                 if score == 6:
                                                    print("

Strong password!")
                                                     print("▲ Improve your password:")
for msg in messages:
                                                        print("-", msg)
                                             ₹ Enter a password to check: JAMESbond123@
                                                 Password Strength Score: 6 / 6 
✓ Strong password!
```

· Query successful

The image displays a Python script in a Google Colab notebook, designed to check the strength of a password. The code includes checks for special characters and common, weak passwords. The output at the bottom shows that the password "JAMESBond123@" successfully passed all checks, earning a perfect score of 6/6 and the classification "Strong password!".

```
Welcome To Colab 🔌 Cannot save changes
          File Edit View Insert Runtime Tools Help
                                                                       Copy to Drive
                                              # Check for special characters if re.search(r"[]@#$%^&*(),.?\":{}|<>]", password):
 Table of contents
                                                                             messages.append("Add at least one special character (!@#$...).")
            Getting started
                                                                       # Check against weak passwords
if password.lower() in weak_passwords:
    messages.append("Password is too common or weak.")
            Machine learning
score += 1
                Featured examples
                                                                       print("\nPassword Strength Score:", score, "/ 6")
if score == 6:
         + Section
                                                                            print("☑ Strong password!")
                                                                            print("▲ Improve your password:")
for msg in messages:
                                                                                  print("-", msg)
                                                                 Enter a password to check: 123456789@
                                                                       Password Strength Score: 3 / 6

▲ Improve your password:
- Password should be at least 12 characters long.
- Add at least one uppercase letter.
- Add at least one lowercase letter.
```

Query successful

The image shows a password strength checker script written in Python and executed in a Google Colab notebook. The user input "1234567890" is being tested, and the program has identified several weaknesses. The output displays a low score of 3/6 and a list of suggestions for improvement, including needing to be longer, and adding uppercase and lowercase letters.