

Develop a Python script

Date	12 September 2022
Team ID	PNT2022TMID25614
Project Name	IoT Based Smart Crop ProtectionSystem For Agriculture
Maximum Marks	4 Marks

Smart solution for railways

Create a code snippet using python to

1. Extract weather data from OpenWeatherMap using APIs
2. Send the extracted data to the cloud
3. Receive data from the cloud and view it in the python compiler

The screenshot shows the OpenWeatherMap website. At the top, there's a navigation bar with links like 'Weather in your city', 'Guide', 'API', 'Dashboard', 'Marketplace', 'Pricing', 'Maps', 'Our Initiatives', 'Partners', 'Blog', 'For Business', and 'Support'. A green confirmation message states: 'We have sent the confirmation link to yogeshk0333@gmail.com. Please check your email.' Below this, there's a section titled 'Historical weather for any location' with a description of the 'Time Machine' technology and a list of features: 'Historical weather data available for ANY coordinate' and 'The depth of historical data have been extended to 40 YEARS'. There are buttons for 'Learn more' and 'Go to purchase'. At the bottom, there's a 'Weather Dashboard' section.

The screenshot shows the OpenWeatherMap website with the 'Weather in your city' section. The search bar contains 'chennai' and the 'Search' button is visible. A dropdown menu is open, showing options: 'My services', 'My API keys', 'My payments', 'My profile', and 'Logout'. Below the search bar, the weather for Chennai, IN is displayed as 'scattered clouds' with a temperature of 31°C. The description mentions 'temperature from 31 to 31 °C, wind 4.63 m/s, clouds 40 %, 1010 hpa' and 'Geo coords [13.0878, 80.2785]'. At the bottom, there's a section titled 'Search engine is very flexible. How it works:' with a list of instructions on how to use the search engine. Below this, there's a 'Plesk' logo and a 'Control & Simplify your WebOps' banner with a 'SIGN UP' button.

