

```
In [ ]: 1 from selenium import webdriver
2 from selenium.webdriver.common.by import By
3 from selenium.webdriver.support.ui import WebDriverWait
4 from selenium.webdriver.support import expected_conditions as EC
5
6 def automate_download(district_name):
7     # Path to your chromedriver executable
8     driver_path = 'C:/Users/Public/Desktop/Google Chrome.exe'
9
10    # Initialize Chrome WebDriver with options
11    options = webdriver.ChromeOptions()
12    options.add_argument('--ignore-certificate-errors')
13
14    # Set the path to the chromedriver executable
15    service = webdriver.ChromeService(executable_path=driver_path)
16    driver = webdriver.Chrome(service=service, options=options)
17    driver.maximize_window()
18
19    try:
20        # Open the website
21        driver.get('https://ceoelection.maharashtra.gov.in/searchlist/')
22
23        # Find and select the district
24        district_dropdown = WebDriverWait(driver, 10).until(EC.presence_of_element_located((By.ID, 'district_dropdown')))
25        district_dropdown.send_keys(district_name)
26
27        # Wait for the page to load after selecting the district
28        WebDriverWait(driver, 10).until(EC.presence_of_element_located((By.ID, 'assembly_constituency_dropdown')))
29
30        # Select Assembly Constituency, Type of Revision, Select Part - In
31        # ... (code to select Assembly Constituency, Type of Revision, and
32
33        # Handle captcha entry manually
34
35        # Click on the 'Open PDF' button or trigger the download
36        open_pdf_button = driver.find_element(By.ID, 'your_open_pdf_button')
37        open_pdf_button.click()
38
39        # Handle the download process
40        # Assuming the PDF gets downloaded automatically to the default Download
41        # You'll need to handle the download process based on how the website
42
43    finally:
44        # Close the WebDriver
45        driver.quit()
46
47    # Run the function with the desired district name
48    automate_download('Your District Name')
49
```