

National Meeting on Capacity Building in Implementing Technology for Developing Price Statistics
Automated Prices Collection Tool (APCT)
27- 29 November 2022 - Manama, Bahrain

Sunday, November 27, 2022

<i>09:00 am – 10:00 am</i>	<p>Opening and Introduction:</p> <ul style="list-style-type: none"> - Use of Technology in Price Statistics: Introduction on Big Data and its Potential Use in Statistics
<i>10:00 am – 11:00 am</i>	<p style="text-align: center;">Practical Training Sessions on Code-Writing for APCT</p> <ul style="list-style-type: none"> - <u>Session 1: Data Exploration and Preprocessing</u> <ul style="list-style-type: none"> • Loading and Inspecting Data • Data Preprocessing • Questions & Discussions
<i>11:00 am – 11:15 am</i>	Coffee Break
<i>11:15 am – 1:00 pm</i>	<ul style="list-style-type: none"> - <u>Session 2: Fundamental Python Programming Techniques</u> <ul style="list-style-type: none"> • Introduction to Lists, Loops, Timers, Conditions, Exceptions • Introduction to Regular Expressions • Questions & Discussions

Monday, November 28, 2022

<i>09:00 am – 11:00 am</i>	<p style="text-align: center;">Practical Training Sessions on Code-Writing for APCT</p> <ul style="list-style-type: none"> - <u>Session 3: Introduction to Web Scraping using Selenium</u> <ul style="list-style-type: none"> • WebDriver API Setup • WebDriver Locating Elements • Questions & Discussions
<i>11:00 am – 11:15 am</i>	Coffee Break
<i>11:15 am – 1:00 pm</i>	<ul style="list-style-type: none"> • WebDriver Attributes Retrieval • WebDriver Action Chains • WebDriver Waits • Inclusion of Regex with WebDriver Page Source • Questions & Discussions

Tuesday, November 29, 2022

<i>09:00 am – 11:00 am</i>	<p style="text-align: center;">Practical Training Sessions on Code-Writing for APCT</p> <ul style="list-style-type: none"> - <u>Session 4: List Specific Web Scraping Application</u> <ul style="list-style-type: none"> • Hands-on Web Scraper Code-Writing • Questions & Discussions
<i>11:00 am – 11:15 am</i>	Coffee Break
<i>11:15 am – 12:30 pm</i>	<ul style="list-style-type: none"> - <u>Session 5: Scheduling, Automation, and Maintenance</u> <ul style="list-style-type: none"> • Scheduling and Automation Setup • Common Problems Discussion
<i>12:30 pm – 1:00 pm</i>	Closing Session and Concluding Remarks