





## Future Finance in Smart City - Tech and Data Analytics (CD00131920/ TECS2762)

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| <p><b>Introduction</b></p>   | <p>The course is organised under the Talents, Aspiration and Excellence (TAE) Programme of City University of Hong Kong to nurture gifted secondary school students to prepare for university education:<br/><a href="http://www.cityu.edu.hk/nurtur talent/index.html">http://www.cityu.edu.hk/nurtur talent/index.html</a></p> <p>Technologies and data analytics are playing increasingly important roles in today's business world. This programme aims to:</p> <ol style="list-style-type: none"> <li>1. provide students with an overview of how big data, artificial intelligence, spreadsheet modeling, and probability theory can contribute to capture business opportunities as well as to facilitate knowledge discovery.</li> <li>2. equip students with timely knowledge of technology and data analytics with applications in business and daily life.</li> </ol> <p>The course is co-organised by the HKAGE and City University of Hong Kong (CityU).</p> |
| <p><b>Programme Type / Level</b></p>   | <p>Intermediate Course in FinTech (<a href="#">Token-required</a>)</p>  |
| <p><b>Instructor(s)</b></p>  | <p><b>Ms. TSANG Oi Sze Sally</b><br/>Instructor I, City University of Hong Kong<br/><b>Dr. Joseph Kong</b><br/>Graduate Teaching Assistant, City University of Hong Kong<br/><b>Dr. Rebecca Jiang</b><br/>Visiting Fellow, City University of Hong Kong</p>   |
| <p><b>Target Participants</b></p>         | <ul style="list-style-type: none"> <li>➤ S4 – S6 HKAGE student members in 2019-20 academic year only</li> <li>➤ Capacity: 25</li> </ul> <p><b>* First-come, first-served.</b><br/>(If student members apply for more than one programme co-organised by the HKAGE and CityU (i.e. Tech Startup for Gifted Students: Hackathon Skillsets, Internship-Entrepreneurship and Oversea Learning Programmes (TECS2761) and Information Technology in Business and Commerce (TECS2763), they may be accepted for one programme only.)</p>   |
| <p><b>Medium of Instruction</b></p>       | <p>English/Cantonese with English handouts</p>  |
| <p><b>Certificate</b></p>                 | <p><b>E-Certificate of Attendance</b> will be issued by the HKAGE to participants who have:</p> <ul style="list-style-type: none"> <li>❖ Attended <b>ALL sessions</b>; <b>AND</b></li> <li>❖ Completed all the assignments with <b>satisfactory performance</b></li> </ul>  |
| <p><b>Intended Learning Outcomes</b></p>  | <p>Upon completion of the programme, participants should be able to:</p> <ol style="list-style-type: none"> <li>1. understand how AI transforms business tasks through different business real cases around the world;</li> <li>2. apply statistical software to analyse data arising from real-life problems;</li> <li>3. think about how big data and AI can be useful for them to plan the careers of the future.</li> </ol>   |

Application  
Deadline

15 Jun 2020  
12:00 n.n.

Application  
Result Release Date

19 Jun 2020

Student members may withdraw from the programme on or before the deadline. Otherwise, the token will be deducted.

## Schedule



| Session | Date                        | Time                     | Venue           | Remark  |
|---------|-----------------------------|--------------------------|-----------------|---|
| 1       | 22 Jul                      | 3:00 p.m. –<br>6:00 p.m. | Online Teaching | Spreadsheet<br>Modeling for<br>Business   |
| 2       | <del>30 Jul</del><br>27 Jul | 2:00 p.m. –<br>5:00 p.m. | Online Teaching | Predicting<br>the Results<br>of Premier<br>League<br>Football<br>Matches by<br>Basic<br>Probability<br>Theory |
| 3       | 3 Aug                       | 2:00 p.m. –<br>5:00 p.m. | Online Teaching | Big Data for<br>Business  |
| 4       | 10 Aug                      | 2:00 p.m. –<br>5:00 p.m. | Online Teaching | Artificial<br>Intelligence<br>for Business  |
| 5       | 11 Aug                      | 2:00 p.m. –<br>5:00 p.m. | Online Teaching | Group<br>Presentation   |

## Enquiries



For enquiries, please contact us at 3940 0101. After language selection, press “1”