PROVISIONAL SCHEDULE (subject to change)

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| **Data Science Winter School**  21st January to 7th February 2024 at Imperial College London, UK | |
| **Sunday 21 January** | |
|  |  |
| 10:30 | Arrive in the UK |
| 14:00 | Ice-breaking Session (depending on the arrival time of students) |
| 16:30 | End of day |
|  |  |
| **Monday 22 January** | |
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| 10:30 | Orientation |
| 14:00 | Academic English Skills |
| 16:30 | End of day |
|  |  |
| **Tuesday 23 January** | |
|  |  |
| 09:00 | Programme Registration |
| 09:15 | **Welcome, Housekeeping and Introduction to Imperial** |
| 09:30 | **Programme Overview and Icebreaker** |
| 10:00 | **Introduction to Data Science** |
| 12:30 | **Group Photo** |
| 13:00 | **Welcome lunch with student ambassadors** |
|  | **Followed by campus tour** |
| 14:00 | **Team building and leadership** |
| 16:30 | End of day |
|  |  |
| **Wednesday 24 January** | |
|  |  |
| 09:15 | **Exploratory Data Analysis** |
| 10:45 | Break |
| 11:00 | **Introduction to Natural Language Processing** |
| 12:30 | Lunch |
| 13:30 | **Group Project Introduction and Briefing** |
| 15:30 | **Data preparation** |
| 16:30 | End of day |
|  |  |
| **Thursday 25 January** | |
|  |  |
| 09:30 | **Coach pickup from Imperial** |
|  | **Study visit to Bletchley Park** |
| 16:30 | End of day |
|  |  |
| **Friday 26 January** | |
|  |  |
| 09:15 | **Computer Vision and Applications** |
| 10:45 | Break |
| 11:00 | **Machine Learning for Data Science** |
| 12:30 | Lunch |
| 13:30 | **Project tutorials Q & A** |
| 14:30 | Teams work on group project |
| 16:30 | End of day |
|  |  |
| **Saturday & Sunday, 27 & 28 January** | |
| Free time to explore London | |
| **Monday 29 January** | |
|  |  |
| 09:15 | **Data Science Entrepreneurship** |
| 10:45 | Break |
| 11:00 | **Transforming the future of healthcare with data science** |
| 12:30 | Lunch |
| 13:30 | **Project tutorials Q & A** |
| 14:30 | Teams work on group project |
| 15:30 | End of day |
|  |  |
| **Tuesday 30 January** | |
|  |  |
| 09:15 | **Data Visualization** |
| 10:45 | Break |
| 11:00 | **Effective Communication for Presentation Workshop** |
| 12:30 | Lunch |
| 13:30 | **Social activity - British Cultural Quiz** |
| 14:30 | **Project tutorials Q & A** |
| 15:30 | Teams work on group project |
| 16:30 | End of day |
|  |  |
| **Wednesday 31 January** | |
|  |  |
| 09:30 | **Visit to DSI 360 observatory for Groups 1, 2, 3, 4** |
| 10:30 | **Visit to DSI 360 observatory for Groups 5, 6, 7, 8** |
| 11:30 | **Visit to DSI 360 observatory for Groups 9, 10, 11** |
|  | Teams work on group project during non-visit period |
| 12:30 | Lunch |
| 13:30 | **Social activity - Visit to The Design Museum** |
|  | Approximately 25 minutes walk from Imperial |
| 16:30 | End of day |
|  |  |
| **Thursday 1 February** | |
|  |  |
| 09:15 | **Introduction to Blockchain Technology** |
| 10:45 | Break |
| 11:00 | **Data Privacy and Ethics** |
| 12:30 | Lunch |
| 13:30 | **Project tutorials Q & A** |
| 14:30 | Teams work on group project |
| 16:30 | End of day |
|  |  |
| **Friday 2 February** | |
|  |  |
| 09:30 | **Advances in Data Science - Research showcase** |
| 12:30 | Lunch |
| 13:30 | **Opportunities for International Students** |
| 14:00 | **Project tutorials Q & A** |
| 15:30 | Teams work on group project |
| 16:30 | End of day |
|  |  |
| **Saturday & Sunday, 3 & 4 February** | |
| Free time to explore London | |
| **Monday 5 February** | |
|  |  |
| 08:00 | **Students arrive to upload project presentations** |
| 08:15 | **Group 1** |
| 08:30 | **Group 2** |
| 08:45 | **Group 3** |
| 09:00 | **Group 4** |
| 09:15 | **Group 5** |
| 09:30 | Break |
| 09:45 | **Group 6** |
| 10:00 | **Group 7** |
| 10:15 | **Group 8** |
| 10:30 | **Group 9** |
| 10:45 | **Group 10** |
| 11:00 | **End of presentation** |
|  | **Students to complete feedback form** |
| 11:15 | Lunch |
| 12:00 | **Announcement of winning teams** |
|  | **and Certificate Ceremony** |
| 13:00 | End of winter school |
|  |  |
| **Tuesday 6 February** | |
|  |  |
| 10:30 | Workshop: Alumni Experience Sharing |
|  | (Master’s and PhD/ Career opportunities) |
| 13:30 | London Visit |
|  |  |
| **Wednesday 7 February** | |
| **London Visit / Departure Day** | |