

Global Leadership & Data Science Course

Week One Online	18:00 – 21:00 (Japan time) Mon. – Fri.	
Day 1	Welcome Ceremony Course Introduction & Testing/Placement	Lesson 1: Cambridge Project introduction Lesson 2: Introduction to Data Science
Day 2	Lesson 3: Big data and big issues Lesson 4: Coding overview	Lesson 5: How do Adwords work? Lesson 6: Lecture Seminar (90 minutes)
Day 3	Lesson 7: Data mining Lesson 8: Project Preparation 1 (with helps from Cambridge University Students)	Lesson 9: Block chain technology Lesson 10: Crypto currencies
Day 4	Lesson 11: Statistics 101 Lesson 12: Project Preparation 2 (with helps from Cambridge University students)	Lesson 13: Case study Lesson 14: Lecture Seminar
Day 5	Lesson 15: Project preparation 3 Lesson 16: Leadership types	Project Presentations & Judging

Week Two Onsite	Morning (90' x 2 + 15 minute-break between lessons) 09.00 - 12:30 - 15 hours AM lesson Day 1 – Day 5		Afternoon (75' x 2 + 15-minute break between lessons) 14:00 - 18:00 - 5 hours PM lesson Day 1 + Day 3		Evening 19:30 - 21:00
Day 1	Welcome Ceremony	Project Introduction	Lesson 17: Business Ethics	Lesson 18: Micro economics	Free Evening
Day 2	Lesson 19: Data software (R and SPSS)	Lesson 20: Data visualization	Workshop (2 hours)		Free Evening Homework

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Day 3	Lesson 21: Lecture Seminar	Lesson 22: Equilibrium price and output	Lecture from University Academic (1.5 hours)	Free Evening Homework
Day 4	Lesson 23: Project Preparation 1	Lesson 24: How to use Tablo	Free Afternoon	Free Evening Homework
Day 5	Workshop (1.5 hours)		Activity with Cambridge Students	Free Evening Homework
Day 6	Full-Day Excursion: Business Visit		Full-Day Excursion: Business Visit	Free Evening Homework
Day 7	Free Morning		Free Afternoon	Free Evening Homework

Week Three Onsite	Morning (90' x 2 + 15 minute-break between lessons) 09.00 - 12:30 - 15 hours AM lesson Day 1 – Day 5		Afternoon (75' x 2 + 15-minute break between lessons) 14:00 - 18:00 - 5 hours PM lesson Day 1 + Day 3	Evening 19:30 - 21:00
Day 8	Lesson 25: Information retrieval	Lesson 26: Thought Leaders of Tomorrow	Workshop (1.5 hours)	Free Evening
Day 9	Lesson 27: Digital Encryption	Lesson 28: Data ethics	Project Preparation 2	Free Evening Homework
Day 10	Lesson 29: Ethical hacking	Lesson 30: Lecture Seminar	Lecture from University Academic (1.5 hours)	Free Evening Homework
Day 11	Lesson 31: Case Study	Lesson 32: GDPR	Activity with Cambridge Students	Free Evening Homework

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Day 12	Workshop (1.5 hours)	Free Afternoon	Free Evening Homework
Day 13	Full-Day Excursion: Business Visit	Full-Day Excursion: Business Visit	Free Evening Homework
Day 14	Free Morning	Free Afternoon	Free Evening

Week Four Onsite	Morning (90' x 2 + 15 minute-break between lessons) 09:00 - 12:30 - 15 hours AM lesson Day 1 – Day 5		Afternoon (75' x 2 + 15-minute break between lessons) 14:00 - 18:00 - 5 hours PM lesson Day 1 + Day 3	Evening 19:30 - 21:00
Day 15	Lesson 33: The Case Study of Cambridge Analytica	Lesson 34: Artificial Intelligence	Workshop (1.5 hours)	Free Evening
Day 16	Lesson 35: Postgraduate Applications	Lesson 36: Project Preparation 6	Exit Tests	Free Evening Homework
Day 17	Lesson 37: Academic recap and Farewell	Lesson 38: Lecture Seminar	Lecture from University Academic (1.5 hours)	Free Evening Homework
Day 18	Lesson 39: Final Project preparation	Lesson 40: Project presentations	Activity with Cambridge Students	Free Evening Homework
Day 19	Workshop (1.5 hours)		Farewell Ceremony	Free Evening Homework
Day 20	Free Morning		Free Afternoon	Free Evening Homework
Day 21	Departures		Departures	Departures

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Week Five Online	18:00 – 21:00 (Japan time) Mon. – Tue.
Day 1	Follow-up project / feedback / presentation (3 hours)
Day 2	Follow-up project / feedback / presentation (2 hours)