COURSE SCHEDULE: APPLIED MACHINE LEARNING PROGRAM

Week	Day	Mode	Course Name	Duration
Week One	Weekdays	Online	Course I: Nature of Intelligence.	4 Hours
	Saturday	In Person	Course II: EDA and Feature Engineering.	10 Hours
Week Two	Weekdays	Online	Course II: EDA and Feature Engineering.	4 Hours
	Saturday	In Person	Course II: EDA and Feature Engineering.	10 Hours
Week Three	Weekdays	Online	Course III: Intro to Machine Learning	4 Hours
	Saturday	In Person	Course III: Intro to Machine Learning	10 Hours
	Sunday	In Person	Course III: Intro to Machine Learning	10 Hours
Week Four	Weekdays	Online	Course III: Intro to Machine Learning	4 Hours
	Saturday	In Person	Course III: Intro to Machine Learning	10 Hours
Week Five	Weekdays	Online	Course IV: Supervised Machine Learning.	4 Hours
	Saturday	In Person	Course IV: Supervised Machine Learning.	10 Hours
Week Six	Weekdays	Online	Course IV: Supervised Machine Learning.	4 Hours
	Friday	In Person	Course IV: Supervised Machine Learning.	10 Hours
	Saturday	In Person	Course IV: Supervised Machine Learning.	10 Hours
	Sunday	In Person	Course IV: Supervised Machine Learning.	10 Hours
	Monday	In Person	Course IV: Supervised Machine Learning.	10 Hours
Week Seven	Weekdays	Online	**Revision**	4 Hours
	Saturday	In Person	**Revision**	10 Hours
Week Eight	Weekdays	Online	Course VII: Bayesian Machine Learning.	4 Hours
	Saturday	In Person	Course VII: Bayesian Machine Learning.	10 Hours
Week Nine	Weekdays	Online	Course VII: Bayesian Machine Learning.	4 Hours
	Saturday	In Person	Course VII: Bayesian Machine Learning.	10 Hours
	Sunday	In Person	Course VII: Bayesian Machine Learning.	10 Hours
Week Ten	Weekdays	Online	**Revision**	4 Hours
	Saturday	In Person	**Revision**	10 Hours

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Week Eleven	Weekdays	Online	Course VI: Unsupervised Machine Learning	4 Hours
	Saturday	In Person	Course VI: Unsupervised Machine Learning	10 Hours
Week Twelve	Weekdays	Online	Course VI: Unsupervised Machine Learning	4 Hours
	Friday	In Person	Course VI: Unsupervised Machine Learning	10 Hours
	Saturday	In Person	Course VI: Unsupervised Machine Learning	10 Hours
	Sunday	In Person	Course VI: Unsupervised Machine Learning	10 Hours
	Monday	In Person	Course VI: Unsupervised Machine Learning	10 Hours

Application projects:

Week 4-6	1. Network intrusion detection	2. Weather forecasting
	3. Image classification	4. Predictive text generation
Week 7-9	5. Customer lifetime modelling	6. Churn prediction
	7. Viral marketing	8. Driving fuel efficiency
Week 10-12	9. Named entity extraction	10. Car navigation
	11. Medical diagnosis	12. Recommender system

Academic Grading

Quizzes: 26 quizzes (bottom 3 quiz scores will be dropped), total contribution to grade 24%
Assignment: 10 assignments, total contribution to grade 41%
Project: 12 project, total contribution to grade 35%

Industrial Grading

Competition: 5 Competition, total contribution to grade 24%
Industrial Evaluation: 4 Industrial evaluation, total contribution to grade 41%
Labs Exams: 4 Labs Exams, total contribution to grade 35%