Day	Part	Content Block	Duration	Mode	Type	HW duration	Day Duration	Materiel	To do after class		
DAY 1	14 Septembre						6				
		Introduction	0.5	Overview							
1		Why this class + Why I'm here			Lecture						
1		Skills			Lecture						
1		Syllabus, planing & grades			Lecture						
1		Expectations			Lecture						
1		**Whats is it ?**									
1		Preliminary : what do you think of those 3 visuals	0.5	Focus	Practice						
1		The super power, table vs chart	0.25	Overview	Lecture						
1		Encoding a variable	0.25	Overview	Lecture						
1		Do your own Dear Data (guided)	0.5	Focus	Practice			print template			
1		Different types of visualization / Overview	0.25	Overview	Lecture						
1											
		Why using visualisation ?									
1		Why do we visualize data - Lisa	0.25	Overview	Lecture						
1											
		How to use it ? Basics & Representation types		*Tool : python + seaborn*							
1		Charts as stastistical tests & Exploratory vs Presentation purpose	0.25	Overview	Lecture						
1		Different chart types for different functions + tools	0.25	Overview	Lecture			print chart suggestions			
1		What charts type do you know ?	0.25	Focus	Practice			Charts type to print + gomettes to buy	Make a viz and share to the students (collect papers)		
1		Starting to explore with datavis + datasorus	0.25	Overview	Lecture						
1		Given a simple dataset, simple questions, which chart ? test & learn	1.5	Focus	Practice						
1		#1 Professionals & Dataviz : Presentation & question / Research@INRA	0.5	Overview	Pro's Talk						
1		HW presentation : Why + Encoding + Chart Form	0.25	Overview	Lecture						
1		Day Summary + Q/A + What's next	0.25	Overview	Transition						
	HW	Choose a dataviz and tell me why + encoding + chart types		Overview	homework	1					
DAY 2	21 Septembre						3				
2		**Search for meaning using visualisation (exploratory phase)**		*Tool : Plotly + Dash*							
2		Day planing + Chart of the day : 1 story 1 example	0.25	Overview	Transition						
2		Plotly	1.25	Focus	Practice						
2		Making an explorable dashboard with dash	1	Focus	Practice						
2		HW Presentation	0.25	Overview	Lecture			vue d'ensemble des outils ?			
2		Day Summary + Q/A + What's next	0.25	Overview	Transition						
	HW	Use Keshif / Tableau to explore the same dataset (tool discover) : code vs click ?									
DAY 3	28 Septembre						3				
3		**Show findings using visualisation (Communication)**		*Tool : Datawrapper*							
3		Day planing + Chart of the day : 1 story 1 example	0.25	Overview	Transition						
3		Back to Overview, the context of dataviz & problematics	0.25	Overview	Lecture						
3		Human perception & Geslat principles, data ink ratio	0.25	Overview	Lecture						
3		Introducing Chart Framework	0.25	Overview	Lecture						
3		Chart context : Adding Overview : title, legend, explanation	0.5	Focus	Practice						
3		Chart remake + why // Using Datawrapper ?	0.75	Focus	Practice						
3		#2 Professionals & Dataviz : Presentation & question / Tool builder	0.5	Overview	Pro's Talk						
3		Day Summary + Homework + What's next	0.25	Overview	Transition						
	HW	Chart Make / Remake									
DAY 4	12 Octobre						4.5				
4		Day planing + Chart of the day : 1 story 1 example		*Tool : Observable ?*							
4		Day planing + Chart of the day : 1 story 1 example	0.25	Overview	Transition						
4		Charts Lies	0.5	Overview	Lecture						
4		TD on lies	1	Focus	Practice						
4		Beware of maps : Discovering D3.js with Observable : maps	2	Focus	Practice						
4		#3 Professionals & Dataviz : Presentation & question / Corporate	0.5	Overview	Pro's Talk						
4		Day Summary + Homework + What's next	0.25	Overview	Transition						
	HW	Big group project									
DAY 5	9 Nove						1.5				
5		Day planing	0.25	Overview	Transition						
5		Group project debriefing	0.5	Overview	Lecture						
5		Final : what do you think of those 3 visuals >> then check your previous answer	0.5	Focus	Practice						
5		Day Summary + THANK YOU + What's next	0.25	Overview	Transition						