





The Guardia Civil is a law enforcement agency in the Kingdom of Spain.



It is considered a **military institution**, depending from the
Ministry of Interior and the
Ministry of Defense.



It is the oldest police force in Spain (1844).



Complete competences in the whole Spanish territory and national waters.







The Guardia Civil is an all integrated police force.



**80.000** active police officers.



More than **2000** police posts in the whole country.





- Specialized investigating units around the whole country
- Specialized intelligence units around the whole country
- Competent in combatting <u>DRUGTRAFFICKING</u>.







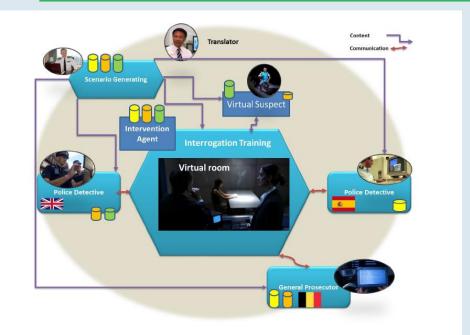
- These units are also competent in combatting:
  - ORGANISED CRIME
  - TERRORISM.
  - INTERNATIONAL AND TRANSNATIONAL CRIME.
  - MONEY LAUNDERING.
  - ECONOMIC CRIMES.
  - ETC.

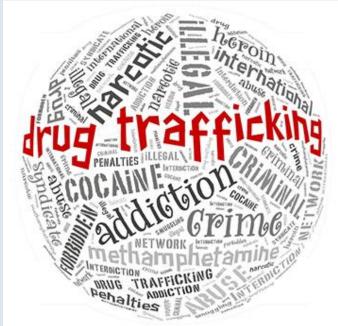




# Objective: training of cross-national teams









The objective of LAW-TRAIN is to create a distributed mixed-reality environment that provides training of a cross-national team of investigators fighting organised crimes.



#### WITHOUT LAW-TRAIN



- Need for good and experienced investigators/interviewers in investigating and intelligence units.
- This should be a continuated process.
- Different levels of trainees (no experience, experienced, very experienced, etc).
- The process is hard.
- The process takes a long time.





#### WITHOUT LAW-TRAIN

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- It requires the help of a good interviewer.
- This process is expensive in time and costs to obtain an expert interviewer. (Training from your "office" will be possible).
- Even harder if you want to do it trans-national.
- Impossibility to train in a real scenario (Real and ongoing operations).
- Impossibility to have failures in real investigations/interviews.





#### **POSITIVE ASPECTS OF LAW-TRAIN**





With LAW-TRAIN we can make mistakes!



#### POSITIVE ASPECTS OF LAW-TRAIN

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- The possibility to train with agents from other countries is very interesting.
- Learning and teaching interviewing methods of different countries is profitable.
- Standarization of procedures in interviewing in different countries can help further JIT's.
- Establishing contacts for future operations/investigations.
- Networking.
- Built for us with us.







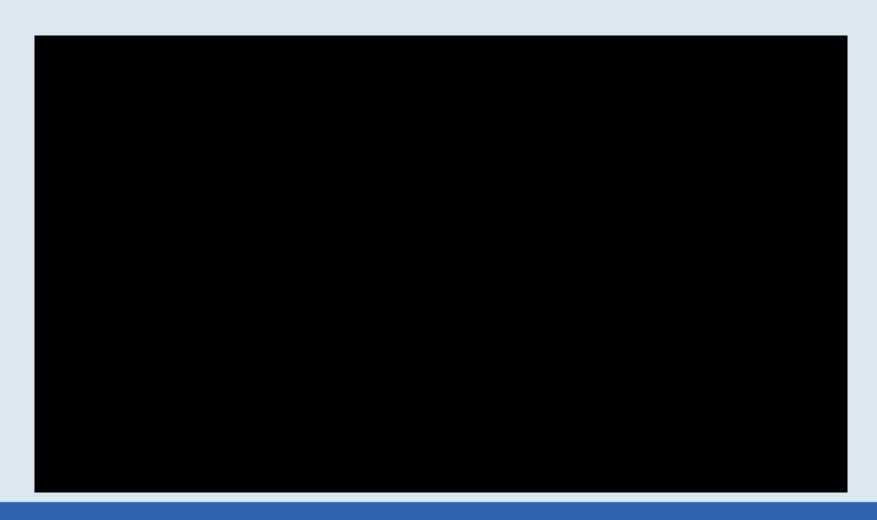
### Jefatura de Información Oficina Proyectos Europeos

sigc-eu-project@guardiacivil.org



#### **VR Room**









### Partners & Advisory Board











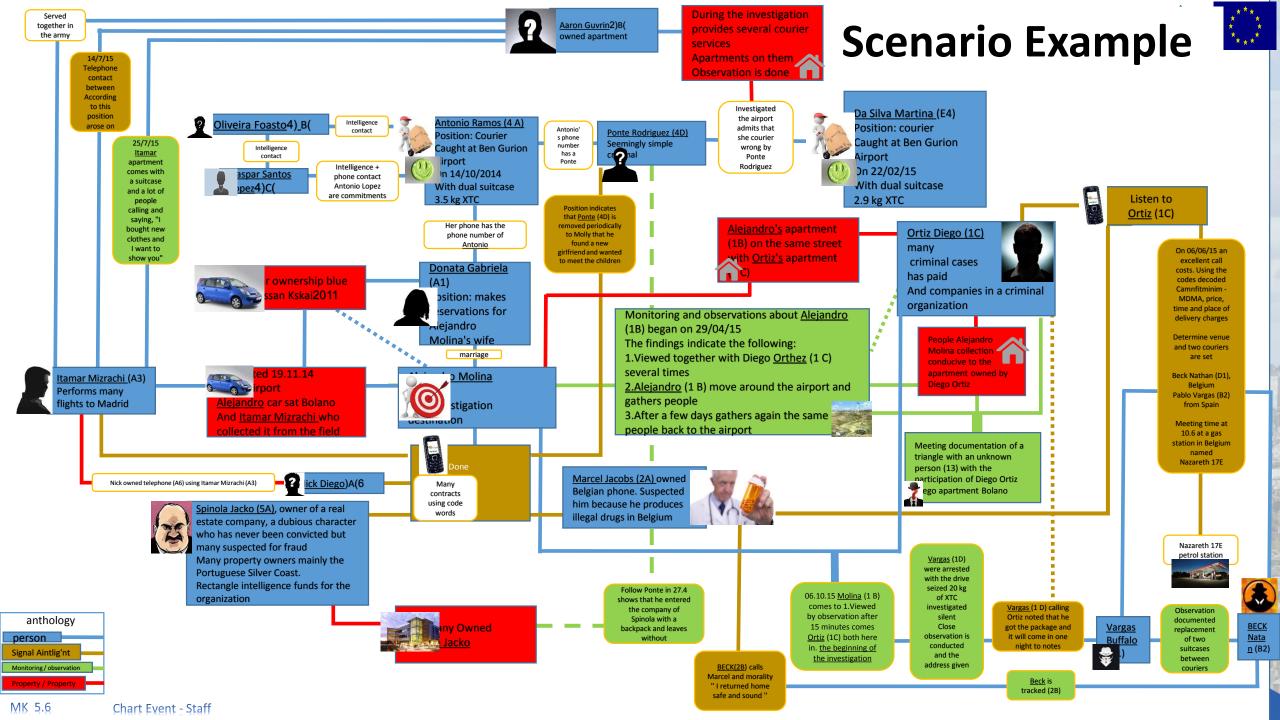
Individual Preparation

Joint Preparation

Joint Interview

**Debriefing** 













#### **Ethics**



 Ethics of Content: LAW-TRAIN applies procedures and interviewing methods that meet the higher European standards.

Ethics of Research: LAW-TRAIN follows the European
 Commission guidelines and legislation for ethical principles.





#### **LAW-TRAIN Modules**

Individual Preparation Tools

Virtual Room Virtual Trainer



Joint Preparation Tools

Virtual Suspect Debriefing Tools

Admin Tools

Control Room Trainer Tools



#### **LAW-TRAIN** Innovation



Methodology

Virtual Suspect Virtual Trainer



Question

#### Data Base with VS



Possible answers

Machine Learning
Based selection

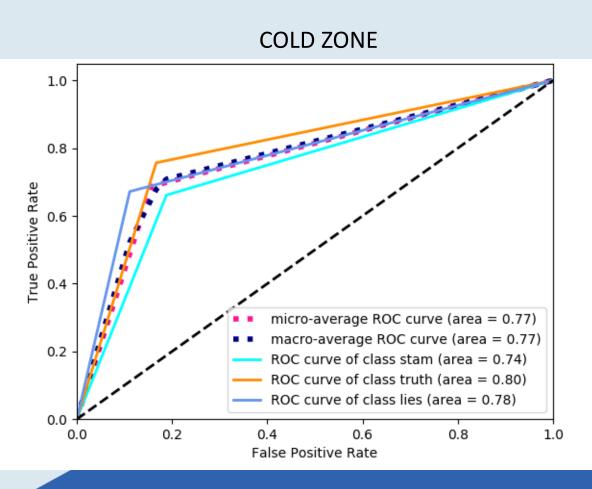
**Answer** 

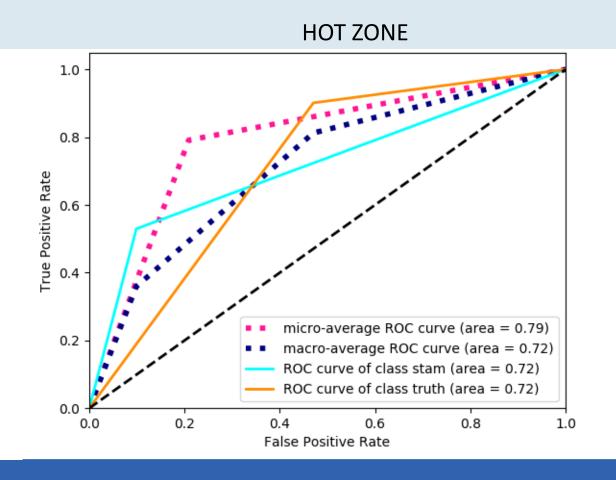


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#### Machine Learning Results (AUC)

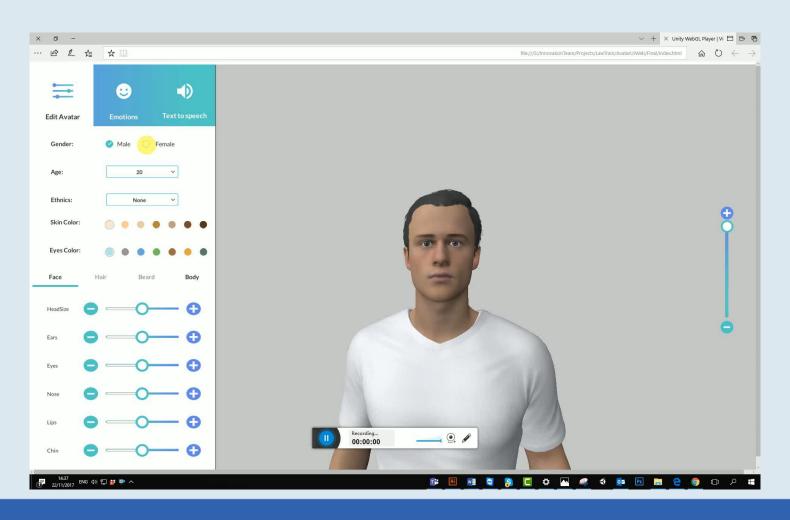




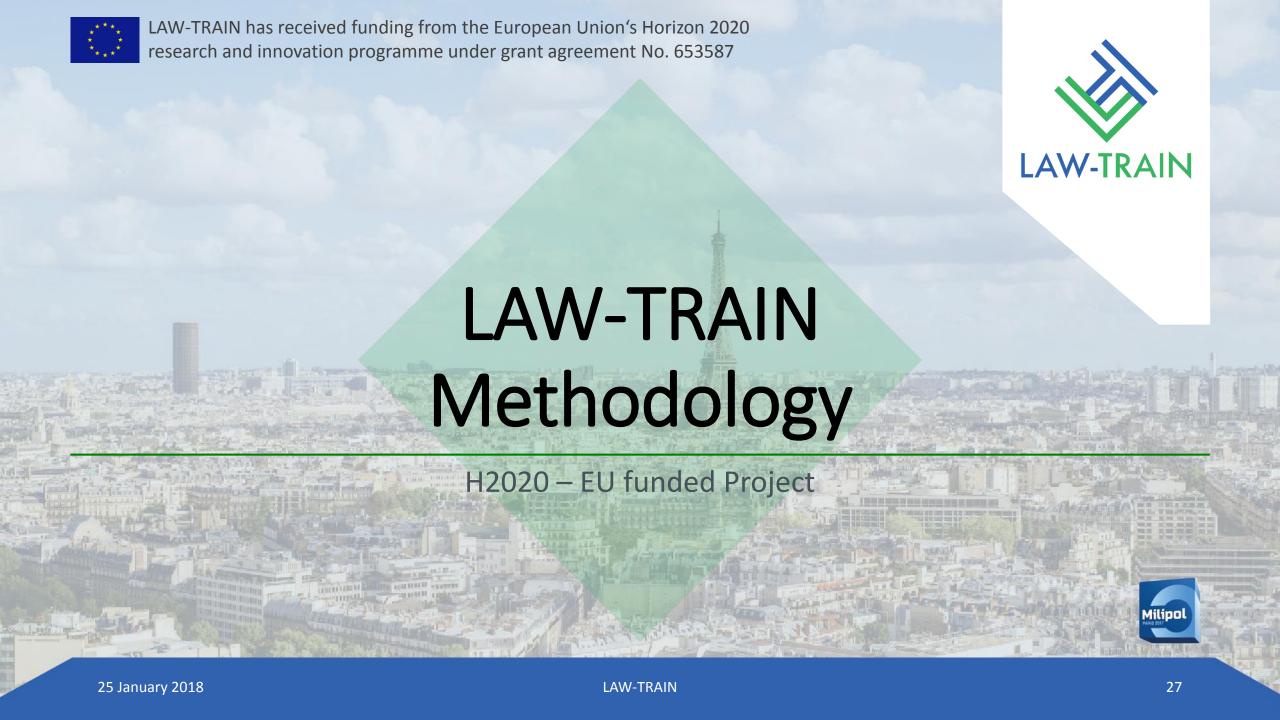


#### Designing a Virtual Suspect











# Training goals

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- Eucalyp
- Nikita Golubev





#### Two training goals





**TRAINING TEAM COLLABORATION** 



TRAINING POLICE INTERVIEWING SKILLS





TRAINING TEAM COLLABORATION

- Transnational crime = transnational police collaboration
- Differences in professional cultures, laws, and methods
- No specific training on investigating transnational crime

#### **LAW-TRAIN: Joint Investigation Team**

- Most promoted by European Council
- Transnational team of representatives from police and judiciary



TRAINING POLICE INTERVIEWING SKILLS

- National interviewing = transnational interviewing
- Europe: mainly inquisitorial system, focus on information gathering

#### **LAW-TRAIN: PEACE-method**

- Promoted by United Nations as best method to prevent coercion and mistreatment
- PEACE = Preparation; Engage & Explain; Account, clarification & challenge; Closure; Evaluation





# Elements in the training

3

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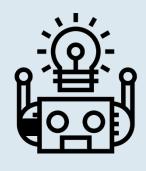


#### Actors in the training





**HUMAN TRAINER** 



**VIRTUAL TRAINER** 



TRAINEE(S)



**VIRTUAL SUSPECT** 



#### Rooms in the training





VIDEOCONFERENCE ROOM



**INTERVIEWING ROOM** 



**CONTROL ROOM** 



#### Virtual case





- Drug trafficking case; 4 countries
- Possibility to create/add new cases
   for training
  - Realistic case
  - Fantasy case





### Measuring performance

3

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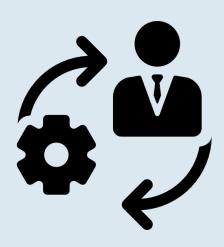


# Two ways





SELF- AND OTHER REPORTS
OBSERVATION SCHEMES



ELEMENTS EXTRACTED BY SYSTEM (SYSTEM LOGS)



## Contact details



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# LAW-TRAIN – Virtual Investigative Interview Training

H2020 – EU funded Project











Virtual agent **supervises** the training session and gives **feedback** based on the **information collected** 





#### Goal:

- Provide helpfull feedback to Police Trainees;
- Create tools to analyse training sessions;

#### *Not the Goal:*

- Replace the Human Trainer;
- Judge/Compare Trainees' performance;





### Methodology:

Monitor and Log the Training Session

- Questions asked
- Files Shared
- Files Opened
- Personal Notes
- and more...

Autonomously detect mistakes

- Critical errors
- Warnings
- Highlights for review

Feedback in real time

Promote self-evaluation

Good practices for interviewing based on real data





### *Types of intervention:*

**Active Intervention** 

**Debriefing Reports** 

Interface Help





#### Active Intervention:

- 1. Analyse trainee's actions
- 2. Test critical errors
- 3. Display warnings to the trainee



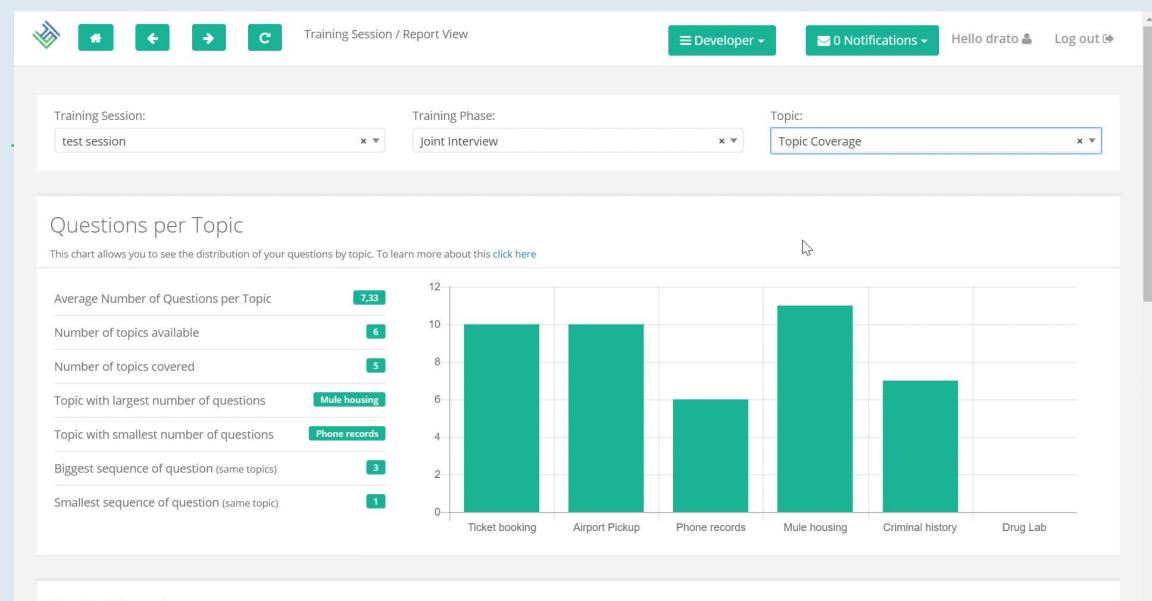




#### Debrief reports:

- 1. Process training session data
- 2. Generate graphs and reports for the Human Trainer and Trainee
- 3. Promote performance review





#### Topic Hopping

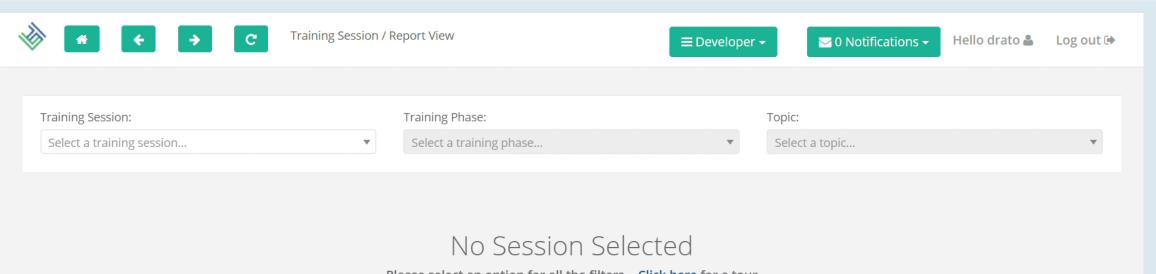
Avoid moving from one topic to another one too quickly. You should take the time to explore a topic fully before moving to a new relevant topic. To learn more about this click here. To do a tour about the Topic Hooping funcionality



### *Interface Help:*

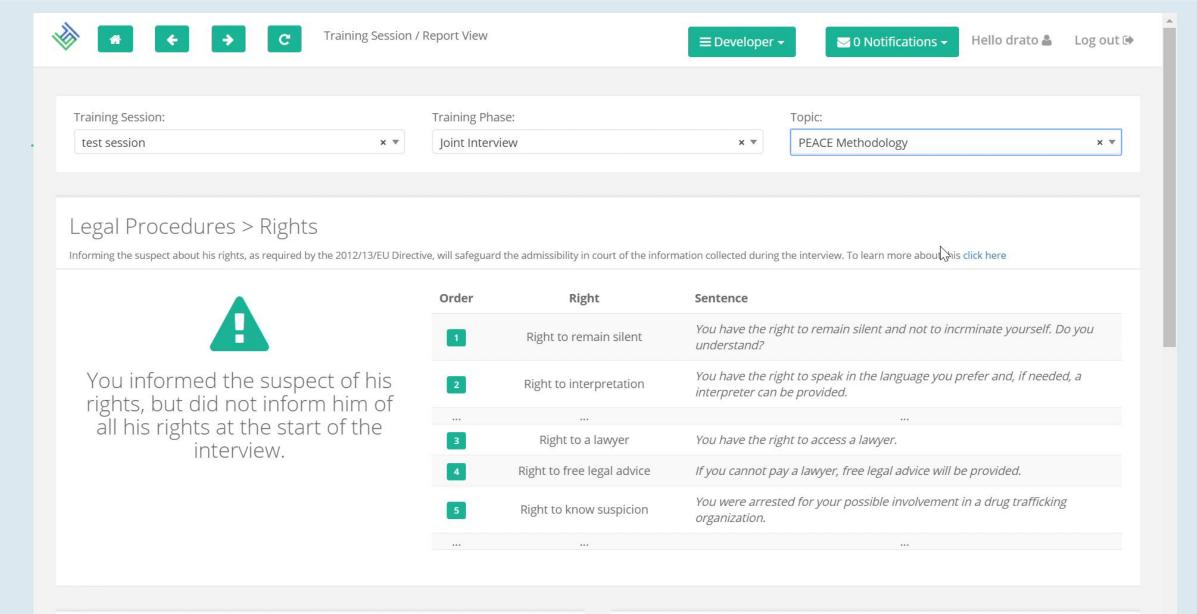
- 1. Teach how the interfaces works:
  - 1. Tutorials
  - 2. Interactive tours
- 2. Explain PEACE methodology





Please select an option for all the filters... Click here for a tour

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Legal Procedures > High Pressure Questions

Legal Procedures > Suggestive Questioning



# LAW-TRAIN

# THE ROADMAP TO THE FUTURE

H2020 - EU funded Project

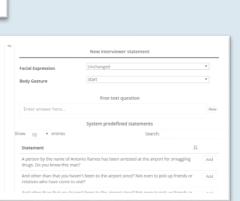


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And what about your wife? When was the last time she went abroad? 22/11/2017 12:01:28

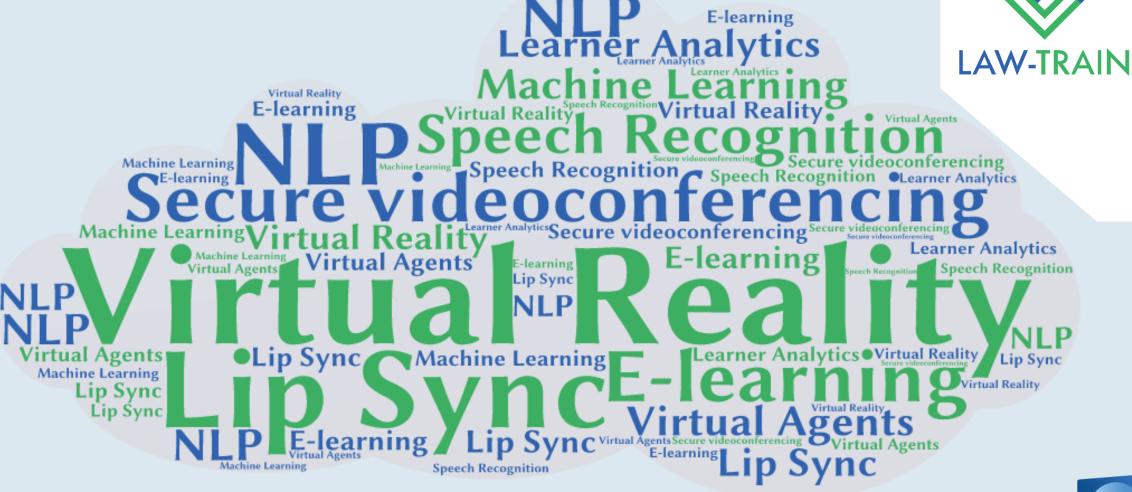






Topic Hopping hoad moving from one topic to ened lisk here.  Ticket booking  Airport Pickup  Phone records	Highlight 1 of 3
Mule housing Criminal history Drug Lab	You changed from one topic to another and their returned to the first ane.  Ty to ask questions about the same topic in a sequence.  Ty to ask questions about the same topic in a sequence.
Question List If the topics available in the training Filter by Topic:	to cook files are board before them to discover the copies and subseptive availables. Series a superor sub-opicity planting them and see the results on the left.  RESURES: To come also
Ticket booking Airport Pickup Phone records	Traines 1 Question Mrt Molina, you know why you are here? 0000 Assert. No. (don't be less.)
Mule housing	Traines 1 Question: You seem to have done some suspicious purchases of flights.





Speech Recognition



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# **Contact & Project Details**



www.law-train.eu

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**Duration: 36 Months** 

Instrument: RIA

Call: H2020-FTC-2014





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