	DES-2025: schoolschedule. The schedul	e is currently being formed. Stay tuned for change	s and additions.				
		Monday, January 20					
	Core A	Core B	Core C (for schoolchildren)				
9:00-10:00		School opening ceremony					
10:00-11:20	What "Generative AI" impacts on the real Enterprise? Vasyl Liashkevych. LNU. Head of GenAI R&D Lab, Manager, Data Science Consulting at EPAM Systems.	"Leadership in IT" Jan van Zwieten. Rector of the Netherlands Business Academy					
11:20-11:40		Break					
11:40-13:00	Project and data management (Git, Data Version Control (DVC), Data sources (Kaggle, etc.), ML Hubs (Hugging Face, etc.)). Iryna Mysiuk. LNU. Senior Software Test Automation Engineer, EPAM	DevSecOps: Security by Design. Maciej Kisielewicz. Senior Security Engineer at Opera Software & PhD candidate at WUST					
13:00-14:00		Break					
	Database basics, relational, non-relational, distributed databases, data warehouse, ETL, Data Workflows. Maksym Yakubovych. LNU. Engineering Manager						
15:20-15:40		Break					
	Database usage for Data Science, Data Analysis and Machine Learning. Yurii Tsudzenko. LNU. Data Quality Engineer, Node.js Developer, DevOps						
17:00-18:00	Organization of the project	competition. Oleh Buhrii. Faculty of Mechanics at	nd Mathematics.				
		Tuesday, January 21					
	Core A	Core B	Core C (for schoolchildren)				
9:20-10:00		nical support department. Municipal non-profit enterp nary Clinical Hospital of Emergency and Intensive Ca					
10:00-11:20	"Probability in Real Life", Iryna Bazylevych, Associate Professor, LNU	"Big Data in AWS ", Yurii Levi, Senior Data Engineer at N-iX					
11:20-11:40	Associate Froressor, Erro	Break					
11:40-13:00	"Statistics in Real Life", Oksana Yarova, Associate Professor, LNU	Компанія Avenga Зіневич Олександр Юрійович. NodeJS Engineering Director. How to tame a dragon, or leadership with imposter syndrome					
13:00-14:00		Break					
14:00-15:20	"Data visualization", Taras Lysetskyi, Assistant Professor, LNU	"Data Analysis Life Cycle (акцент на processing and visualization)", Sofiia Zavhorodnia at Miratech					
15:20-15:40		Break					
15:40-17:00	"Bayesian Data Analysis", Oleh Buhrii, Professor, LNU	How AI Code Generation works. Copilot. Roman Mysiuk. LNU, Epam systems	Join Lviv Regional Junior Academy of Sciences and start your journey to IT success.Oksana Storozh. Educational Manager of Lviv Regional Junior Academy of Sciences.				
17:00-18:00		Work in groups on projects	Thinks Academy of Sciences.				
	Core A	Wednesday, January 22  Core B	Core C (for schoolchildren)				
	Reverse Engineering: Tasks and Tools. Mykola Shcherbyna. LNU, Private Entrepreneur (R&D)	"Machine learning, deep learning, neural networks" Vitalii Miroshnychenko GlobalLogic	core e (for senonemaren)				
11:20-11:40		Break					
11:40-13:00	CSOC(Cyber Security Operations Center): myths vs. reality. Roman Karpiuk, LNU	"LLM fine-tuning techniques (акцент на RAG i GenAI agents)", Oleh Matskula. Head of Development at Profisea					
13:00-14:00		Break					
14:00-15:20	Languages and Automata. Oleh Gutik, LNU	"Hierarchical Clustering Algorithms in Machine Learning and Data Science", Olena Kot at Tietoevry					
15:20-15:40		Break					
15:40-17:00	Algebraic Codes. Oleh Gutik, LNU	Work in groups on a sector	How to understand the impact of "Generative AI" on Business? Vasyl Liashkevych. Faculty of Electronics and Computer Technologies. LNU. Head of GenAI R&D Lab, Manager, Data Science Consulting at EPAM Systems.				
17:00-18:00		Work in groups on projects					
Thursday, January 23							
	Core A	Core B	Core C (for schoolchildren)				
	1 00/071	1 00.02	1 20.00 Gordon schoolenharen)				

	more in groups on projects	
	Work in groups on projects	Equations. Faculty of Mechanics and Mathematics.
		Oleh Buhrii. Head of the Department of Mathematical Statistics and Differential
	Break	T
Engineering Director, GlobalLogic	Pilot Finds a Target Where It's Almost Invisible.	
	Startupe Under the Wings of Uncertainty Uses	T
Amazon Web Services and Big Data in AWS. Oleh Sihunov. LNU. Java Software Engineer	"Microsoft Azure 101", Oleh Zarevych at Intellias	
Cloud computing basics, SaaS, PaaS and IaaS.	LLM Security and Observability. Danyil Zhuravchak,	Core C (for schoolchildren)
Coup A	Tuesday, January 28	Core C (for school-bild)
Presentation of proj	ects. Oleh Buhrii. Faculty of Mechanics and Math	nematics.
-		Educational programs of the Faculty of Electronics and Computer Technologies. Iryna Kofliuk. Deputy Dean of the Faculty.
	Break	Educational programs of the Faculty of
Cryptography methods overview and application. Valeriy Trushevskyy, LNU		
	CUCollaborate, Indeema Break	
Popadiuk, LNU	modern software. (Key-Value, Column-based, Document-based, Graph databases). Oleh Husak, LNU, Senior .NET Software Engineer	
	Break	
Building effective Product Security Operations Center	"Modern Data Architectures", Marian Faryna - Big	Core C (for schoolchildren)
	Monday, January 27	
	Work in groups on projects	
"Decision making. How to make better choices in life and work", Marta Maloid-Glebova, Associate Professor, LNU	AI Agents in the Cloud. Oleh Chaplia, Senior Software Developer, ELEKS.	Introduction to Probability. Kostiantyn Zhernovyi. Associate Professor, Faculty of Mechanics and Mathematics, LNU
	Break	1
"Sports simulating using Markov chains", Ihor Kutsevol, Postgraduate student, LNU, Middle Data Scientist, EveryMatrix	Dicak	
practice", Andrii Sagan, Associate Professor, LNU		
"Eigen decomposition and singular decomposition in	"Bringing AI ideas and systems to production" -	
Professor, LNU		
	Version Control Systems: Git, Data Version Control	
Core A	Core B	Core C (for schoolchildren)
	Friday, January 24	
	Work in groups on projects	I
NLP, NLP tasks, NLP libraries and frameworks (e.g. NLTK). Ihor Drozdov. LNU. Lead .Net Engineer	Problem solving and creativity. Dmytro Nosach GlobalLogic	How to stay safe on the Internet ? Yuriy Kuzbit, LNU, Head of R&D at Wizer Inc
	Break	
CV, CV tasks, CV Libraries and frameworks (e.g. OpenCV)", Vitaliy Vlasov, Associate Professor, LNU		
	Break	
Neural networks. Transformers. Building models with Keras and PyTorch. Ivan Bulka, LNU. Senior Data		
	(WUST) Break	
Engineer at Leobit	Górski. Master's student in Cybersecurity at the Wrocław University of Science and Technology	
	unsupervised learning. Vitalii Pretsel. LNU. Software Engineer at Leobit  Neural networks. Transformers. Building models with Keras and PyTorch. Ivan Bulka, LNU. Senior Data Scientist / Deep Learning Engineer  CV, CV tasks, CV Libraries and frameworks (e.g. OpenCV)", Vitaliy Vlasov, Associate Professor, LNU  NLP, NLP tasks, NLP libraries and frameworks (e.g. NLTK). Ihor Drozdov. LNU. Lead .Net Engineer  Core A  "Eigen decomposition, singular decomposition and their applications", Oleh Romaniv, Associate Professor, LNU  "Eigen decomposition and singular decomposition in practice", Andrii Sagan, Associate Professor, LNU  "Sports simulating using Markov chains", Ihor Kutsevol, Postgraduate student, LNU, Middle Data Scientist, EveryMatrix  "Decision making. How to make better choices in life and work", Marta Maloid-Glebova, Associate Professor, LNU  Core A  Building effective Product Security Operations Center (PSOC). Mychael Kropyva, LNU  Modular Arithmetics and its Applications. Olya Popadiuk, LNU  Cryptography methods overview and application. Valeriy Trushevskyy, LNU  The Hill Cipher. Oleh Gutik, LNU  Presentation of proj  Core A  Cloud computing basics, SaaS, PaaS and IaaS. Markiyan Fostiak. LNU. Software Engineering Lead  Amazon Web Services and Big Data in AWS. Oleh Sihunov. LNU. Java Software Engineer  Google Cloud Platform Review. Ihor Rohatskyi. LNU. Engineering Director, GlobalLogic	unsupervised learning. Vitalii Pretsel, LNU. Software Engineer at Leobit Grossian Leobit Grossian Gorski, Marter's student in Cybersecurity at the Wrochaw University of Science and Technology (WUST)  Neural networks. Transformers. Building models with Keras and PyTorch, Ivan Bulka, LNU. Senior Data Scientist / Deep Learning Engineer  CV, CV tasks, CV Libraries and frameworks (e.g., OpenCV)", Vitaliy Vlasov, Associate Professor, LNU  NP, NLP Itasks, NLP libraries and frameworks (e.g., NLTK), libro Drozdov, LNU. Lead. Net Engineer  Work in groups on projects  Work in groups on projects  Friday, January 24  Core A  Teigen decomposition, singular decomposition and pheir applications", Oleh Romaniv, Associate Professor, LNU  Teigen decomposition and singular decomposition in practice", Andrii Sagan, Associate Professor, LNU  Teigen decomposition and singular decomposition in practice", Andrii Sagan, Associate Professor, LNU  Teigen decomposition and singular decomposition in practice "Andrii Sagan, Associate", Null Middle Data Scientist, EveryMatrix  Teoptisson, LNU  Teoptisson, LNU  Break  Morting roups on projects  Work in groups on projects  Bringing Al ideas and systems to production" - Martin Braun, Artern Shelamanov, NeuroForge  Broak  Al Agents in the Cloud. Oleh Chapila, Senior Software Engineer of Professor, LNU  Work in groups on projects  Work in groups on projects  Monday, January 27  Core A  Building effective Product Security Operations Center (PSOC), Mychael Kropvva, LNU  Modular Arithmetics and its Applications. Olya Popadiuk, LNU  Modular Arithmetics and its Applications. Olya Popadiuk, LNU  Presentation of projects. Oleh Buhrii, Faculty of Mechanics and Matl Cyberty Trushevskyy, LNU  Presentation of projects. Oleh Buhrii, Faculty of Mechanics and Matl Cyberty Trushevskyy, LNU  Break  Core A  Core A  Core A  Core B  Core A  Core A  Core B  Co

	Corre A	Carra P	Come C (for only all billion)			
10:00-11:20	Core A "Classical regression analysis", Oksana Holovata,	Core B  Anatoliy Pylypchuk, Senior Java Developer at	Core C (for schoolchildren)			
10:00-11:20	Associate Professor, LNU	Kindgeek				
11:20-11:40		Break				
11:40-13:00	"Examples of using logistic regression", Oksana Holovata, Associate Professor, LNU	"Headway Autopark and How Being Open About Failures Moves Us Forward", Maksym Sabadyshyn Engineering Manager at Headway				
13:00-14:00		Break				
14:00-15:20	"Life on the command line: How text-based interfaces can improve data processing", Vitaliy Vlasov, Associate Professor, LNU	"Usage of AI in modern services, applications, platforms", Andriy Bilous, CEO StayInno				
15:20-15:40		Break				
15:40-17:00	"Introduction to zero-knowledge proofs", Vitaliy Vlasov, Associate Professor, LNU	"Radical Directness: How to achieve results faster thanks to a feedback culture in the team?" Mariana Boloban Head of People Headway	About career guidance, how to choose the right one. Yevhen Hirnyi, Lviv IT Cluster.			
17:00-18:00		Work in groups on projects				
		Thursday, January 30				
	Core A	Core B	Core C (for schoolchildren)			
10:00-11:20	The Power of Effective Teamwork. Mykhailo Viachalo, LNU	"Behind the Scenes: How Background Workers Keep Your Apps Running (While You Sleep)" - Yaroslav Andreiev, Middle Full Stack Developer at DevsX				
11:20-11:40		Break				
11:40-13:00	Basics of cyber hygiene in everyday life. Yuriy Kuzbyt, LNU	Data in Motion: Mastering Real-Time Processing with Kafka and Flink. Oleh Shchur at Intellias				
13:00-14:00		Break				
14:00-15:20	Secure Coding. Sviatoslav Zlatous. LNU	"Swizzling in Swift", Olena Zola SoftServe				
15:20-15:40		Перерва				
15:40-17:00	Game developer as a full-time job. Oleksandr Terletskyy, LNU	Exploring Penetration Testing: Techniques, Tools, and Trends. Igor Beliaiev, LNU, Head of Security @ EPAM Ukraine.	About cybersecurity educational programs at Lviv University. Why is it important to study cybersecurity and data protection? Petro Venherskyi, LNU, Head of department CyberSecurity			
17:00-18:00		Work in groups on projects	1 3			
Friday, January 31						
	Core A	Core B	Core C (for schoolchildren)			
10:00-11:20	Generative models basics. Oleh Yatskiv. LNU. Engineering Manager at Nexla	Version Control Systems: Git, Data Version Control (DVC), etc. Group 2 Hanna Likhtman GlobalLogic				
11:20-11:40		Break	·			
11:40-13:00	LLM, Transformers, BERT, GPT models family, LLM fine-tuning techniques. Mykola Stasiuk. LNU,Senior Software Engineer. GlobalLogic	"Security in Mobile World"Andriy Flinta, Mobile Engineering Lead at Intellias				
13:00-14:00		Break				
14:00-15:20	Defense of team projects					
15:20-15:40	Break					
15:40-17:00	Defense of team projects					
17:00-18:00	School closing ceremony					