Data Analytics Student Research Projects
1ˢᵗ Interim Presentations 2024

Thursday **23.05.2024**
08:00 – 15:30

Students will introduce the projects and report on the progress they have achieved so far. Each **presentation** will be **15 minutes** followed by a **15 minute discussion** and feedback. Please ensure that you adhere to your time limit.

Students, colleagues, employees from related companies are very welcome

The event will take place in person in **Hörsaal H4.**

The presentations are mandatory for all students taking part in the current round of SRP and **attendance to all presentations is mandatory!**

Presentation Schedule 23.05.2024
08:00 – 08:10	**Welcome** **(Prof. Dr. Dr. Lars Schmidt-Thieme)**
Session Chair: Thorben Werner	
08:10 - 8:40	Group 1: Active Learning and Regularization Team: Brillianda Sheravina, Amir Hossein Eyvazkhani, Carlos Canelo, Mayoora Nair, Meriem Fouial **Supervisor:** Ilia Koloiarov
08:40 - 09:10	Group 2: Distribution Shift in Active Learning Team: Humay Abbasli, Manu Singh Bist, Shridhar Mashalkar, Deniz Bezer, Camilo Maldonado **Supervior:** Thorben Werner
09:10 - 09:40	Group 3: More efficient Deep Reinforcement Learning Strategies for Routing Problems Team: Namra Abid, Ahmad El Mallah, Ameed Ahmed, Lamisa Newaz Lusa, Matthew Ward **Supervisor:** Tim Dernedde
Morning Break 30min	
Session Chair: Tim Dernedde	
10:10 - 10:40	Group 4: RWKV: Reinvented Recurrent Neural Networks in Object Tracking Team: Devasish Yarra, Ezgi Altay, Mahmoud El Masri, Sezgi Altay, Smriti Sharma **Supervisor:** Ahmad Bdeir
10:40 – 11:10	Group 5: Machine Unlearning Team: Jonas Lang, Hamed Molaei, Sourodeep Mondal, Harish Malik, Hoang Lan Nguyen **Supervisor:** Muhammad Abdur Rafae
Lunch Break 70min	

	Session Chair: Kiran Madhusudhanan
12:20 - 12:50	**Group 6:** Leveraging synthetic data to enhance Time Series Classification Team: Abdelrahman Tolba, Aseel Ahmed Al-Qazqzy, Nicholas Yegon, Ayham Treter, Fatemeh Motevalian Naeini **Supervisor:** Johannes Burchert
12:50 - 13:20	**Group 7:** Ensemble methods for Time Series Forecasting Team: Jessica A. S. Abbas, Hiba Yaakoubi, Gayara Gunasekera, Ali Shaaban, Rizeen Musaliyrakath **Supervisor:** Kiran Madhusudhanan
13:20 – 13:50	**Group 8:** Forecasting Irregularly sampled Multivariate Time Series Team: Syed Maaz Bin Shameem, Onur Balic, Lahiru Anuradha Dissanayake, Stanley Quaye, Lionel Nanguep **Supervisor:** Christian Klötergens
	Afternoon Break 30min
	Session Chair: Nourhan Ahmed
14:20 – 14:50	**Group 9:** Mitigation of Over-squashing in Graph Neural Networks Team: Merlah Andang'o, Temirlan Zarymkanov, Shashiprabha Withanage, Nasib Huseynzade, Aman Desbele Baryahannes **Supervisor:** Nourhan Ahmed
14:50 - 15:20	**Group 10:** Knowledge distillation in encoders Team: Abin Baby, Brhanu Atsbaha, Apurv Kumar, Wut Hmone Hnin Hlaing, Steffen Röber **Supervisor:** Diego Coello de Portugal
	Closing Remarks Prof. Dr. Dr. Lars Schmidt-Thieme