Instance Segmentation for Traffic Safety

Dr. Hans Beck
Data Science EMEA

Dmitry Vilchinsky
Vice President of Engineering,
DXC Luxoft Americas

RHIC / AGS Annual Users Meeting
June 9th, 2021
Speaker Bio and Contact

Dmitry Vilchinsky
Vice President of Engineering, DXC Luxoft Americas

1) Ask for help for industry CV, 2) Send CV for job opportunities at DXC

Dr. Hans Beck
Data Science EMEA
hans.beck@dxc.com
dr.hans.beck@gmail.com

Bio – Hans
Master’s on SPS NA49 data 2010
PhD with ALICE 2010-2015
PostDoc in Heidelberg with Johanna Stachel @ ALICE Feb 2015 – Oct 2017
DXC Technology Oct 2017 – ongoing

Engineering means “not Sales” or “create products / deliver projects to clients”
Live Hands-On

Create your own Computer Vision demo in a short time and impress everyone
DXC Luxoft – Global Powerhouse for Data Science

Apply Data Science in diverse projects
• From Autonomous Driving via Sports Analytics to helping governments create societal benefits
DXC Luxoft – Number 1 for Data Science

“DXC has deep expertise in the data science services domain across industries. The provider holds a solid leading position in the German market.”
ISG Quadrant Report, December 2020

“Our highest scores for DXC are based on the following critical capabilities:

**AI/ML service expertise:** DXC is investing in AI capabilities and strengthening its pool of data scientists. It has very strong solutions including DXC’s Applied AI Studio to support joint innovation with clients and DXC’s Robotic Drive to hyperscale AI/ML for large-scale analysis and simulation for data-driven AI development.”
Summary

• Showed hands-on how to create Deep Learning Computer Vision demo in short time
  1. Define use case
  2. Get data
  3. Label data
  4. Train algorithm
  5. Be happy!

• DXC Luxoft
  – 130 000 employee strong consultancy
  – Number one for Data Science
  – Apply Data Science in diverse projects
  – Hiring Senior Data Scientists in US and globally

→ Happy to discuss career opportunities in Data Science