

# Instance Segmentation for Traffic Safety

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Data Science EMEA

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Vice President of Engineering,  
DXC Luxoft Americas



# Speaker Bio and Contact



**Dmitry Vilchinsky**

Vice President of Engineering,  
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1) Ask for help  
for industry CV,  
2) Send CV for  
job  
opportunities at  
DXC



**Dr. Hans Beck**

Data Science EMEA

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## 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

**Luxoft**

A DXC Technology Company

Global Leader in Innovative Tech



**13 000**

Employees Worldwide



**280+**

Active Clients, FY18  
>50% from Fortune 500



**\$900+M**

Revenue FY2019 (USD)



## AI and Analytics



**11 400+**

Analytics Experts  
Worldwide



**23k+**

digital engineers



**1 500**

Business strategy  
consultants



**83%**

Employees with  
advanced degrees



**DXC.technology**

Delivering High Quality  
Innovation at Scale



**138 000**

Employees Worldwide



**\$20B**

Revenue FY2020 (USD)

## Apply Data Science in diverse projects

- From Autonomous Driving via Sports Analytics to helping governments create societal benefits



**Deep Industry Focus**  
We Understand Your Problems



**Top Engineering Talent**  
Deep Domain Experience Across The Globe



**Partnership Approach**  
Strong Client Relationships



**Agile**  
Fast Results

# 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.”

**Gartner®**

# 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



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**Dmitry Vilchinsky**  
Vice President of Engineering,  
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→ Happy to discuss  
career opportunities in Data Science