




Future Forum

Artificial Intelligence (AI) and Sustainable Mobility



Mykhailo Fedorov • 2.

Minister of Digital Transformation of Ukraine – Ministry of Digit...

3 Tage •

I am working on an updated development strategy for the Ministry of Digital Transformation of Ukraine. New goals, and an organizational structure. We need to break through the ceiling and achieve new results within the framework of the policies set by the Ministry. New challenges dictate a new level of efficiency.

Decided to share the projects and subprojects I am v
level through regular meetings:

- Diia
- Mriia
- Army of Drones
- UAV synchronization matrix
- Army of electronic warfare
- Development of ground unmanned platforms
- Headquarters for mass production of UAVs
- UNITED24
- UNITED24 media
- Brave1
- Transformation of preschool education
- Transformation of secondary education
- Vocational education
- Higher education





Visegrad 24 • 10h

Crazy footage of a Ukrainian FPV drone navigating its way into a Russian bunker with a bomb in the dense forests near Kreminna.

FPV drones are revolutionising modern warfare





Elon Musk • 9h

@elonmusk



From Tesla Optimus

6,922

18.2K

127.5K

14.6M



World of Engineering • 9h

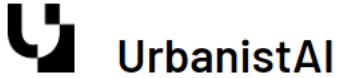
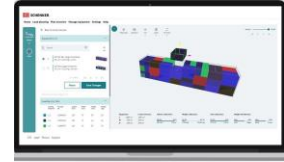
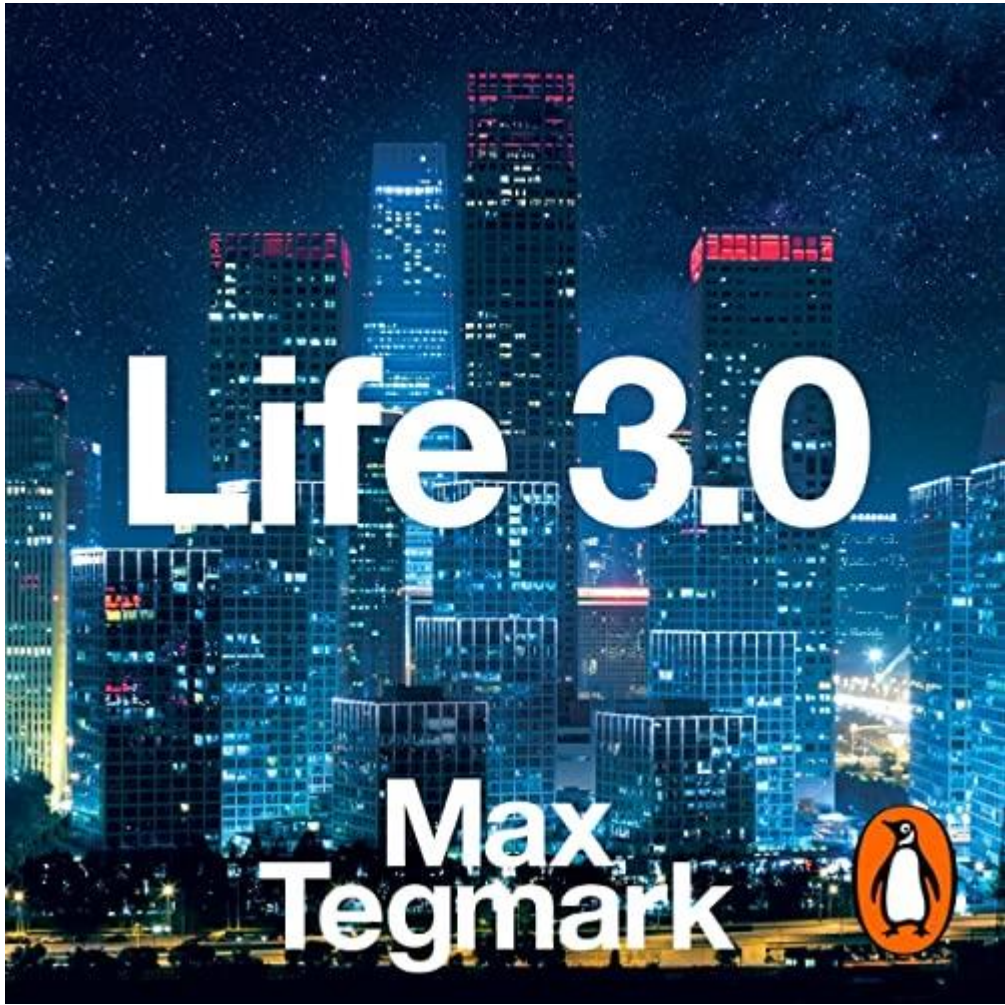
@engineers_feed

We are making history ladies and gentlemen

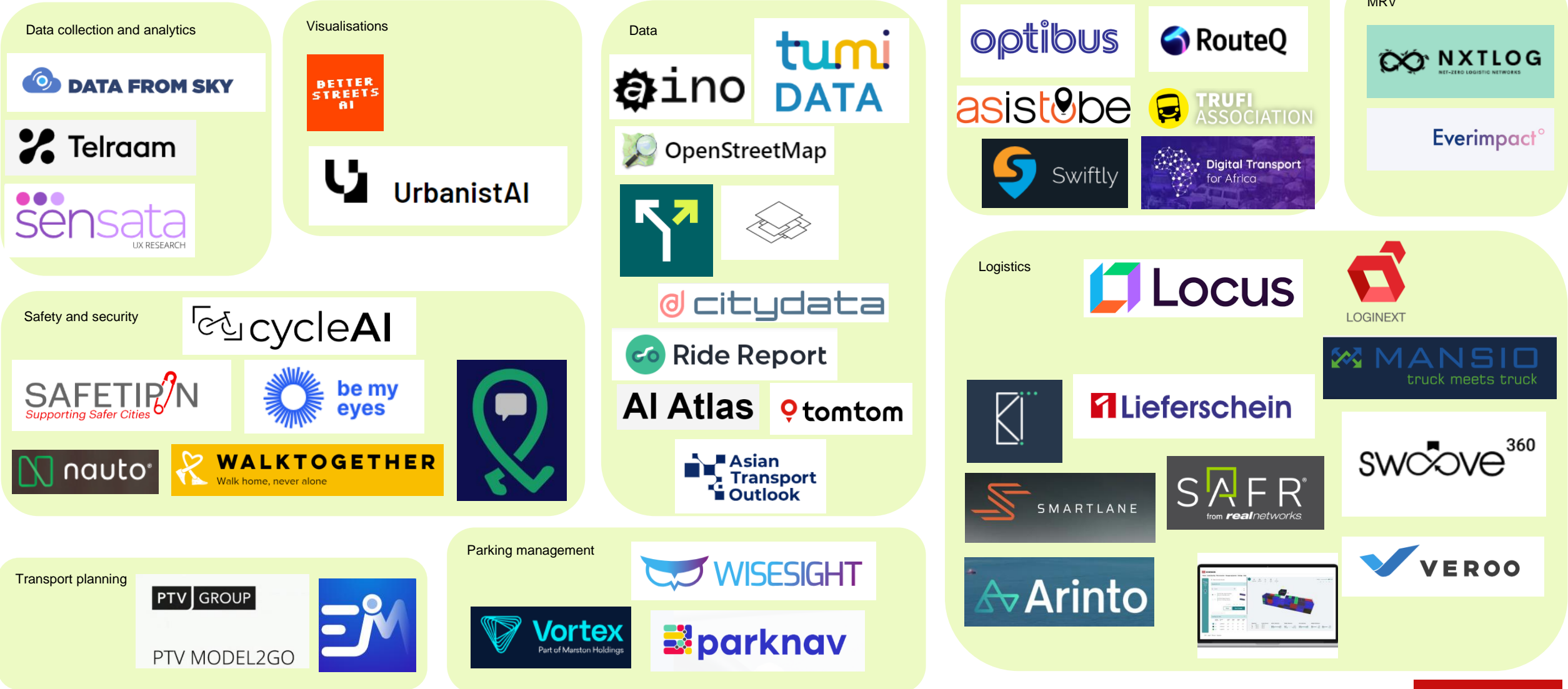
15

456

87.8K



AI, ML, IoT, big&open data & co.: The evolving eco-system of machine-assisted transport planning, management and operations



Automation Everywhere: The mobility and logistics industries are experiencing a significant trend toward automation. This is driven by:



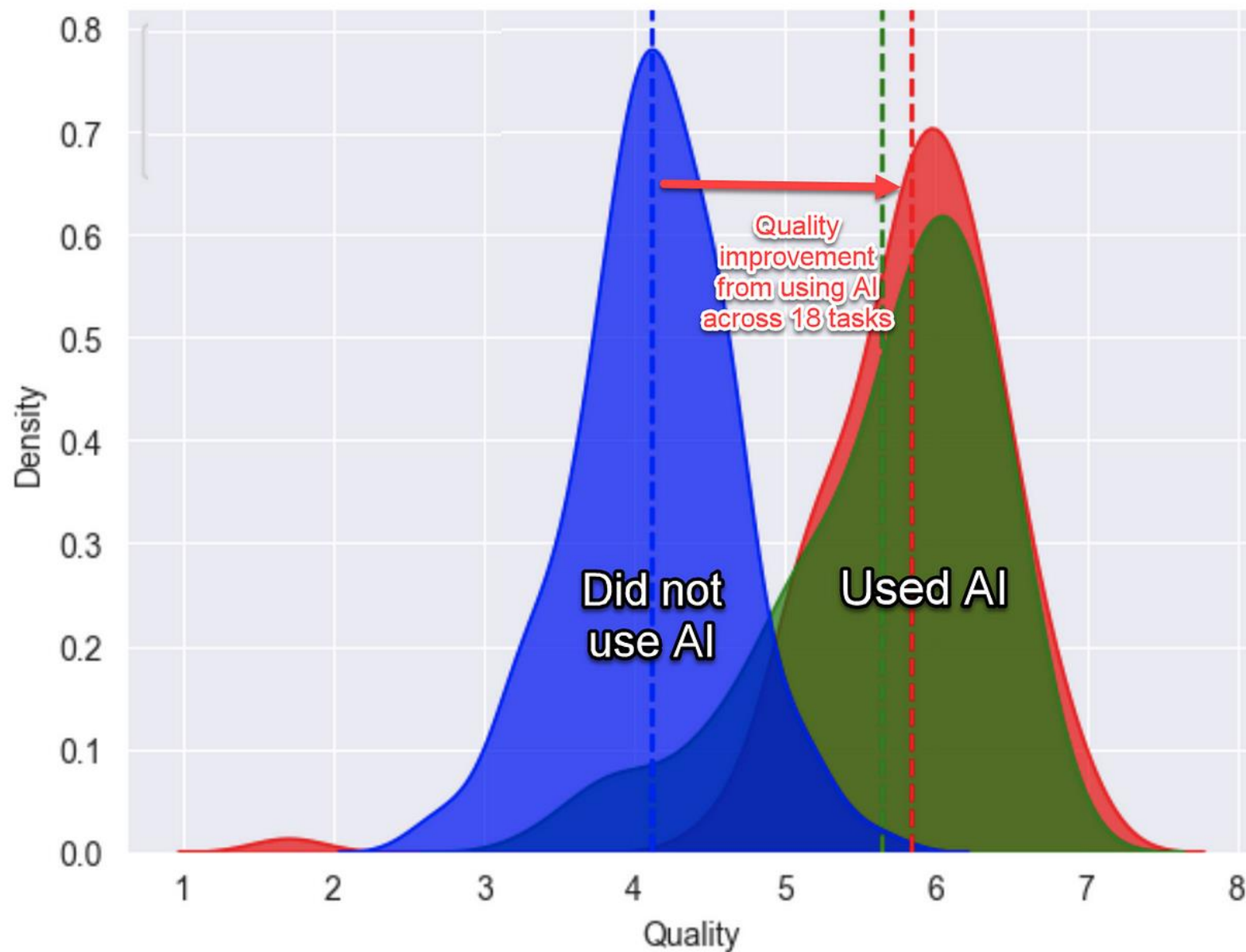
Push

- Desire to meet various optimization goals including:
 - workforce management (to address labour shortages),
 - cost reduction,
 - CO2 emissions reduction,
 - meeting ESG obligations,
 - addressing evolving customer expectations,
 - and managing the growing complexity of operations.

- cost reductions in technology make automation feasible for both large enterprises and small and medium-sized businesses (SME).
- Off the shelf availability of technical solutions:
- Often standard solutions instead of complex, customised or specialised solutions.
- New applications are developed using standardised and/or freely available codes and technologies.

Pull

Consultants using AI **finished 12.2% more tasks** on average, **completed tasks 25.1% more quickly**, and produced **40% higher quality results** than those without. Those are some very big impacts.



1. **Rapid development/no hype:** Stay tuned and observe, bundle and strengthen resources
2. Emphasis on Process Evaluation for AI Readiness and systematic **identification of use-cases:** There's a strong call to **assess ALL business processes** for suitability for AI integration, especially those that are frequent, error-prone, and have readily available data.
3. Data and Information Preparation: Adequate data management and information preparation are essential prerequisites for successful AI implementation and automation.
4. Mindset Shift to Data-Driven Decisions: There is a crucial shift in **mindset needed towards data-driven decision-making as a foundation for modern businesses.**
5. **Foresight:** how the world of life and work could change and how completely different (mobility) needs could arise as a result.
6. Challenges include increased transparency and therefore risk of **Orwellian control of staff**, as well as concerns about the intensification of work and retention of full human control over processes.
7. What does it mean for the education of our children?