

Comparative analysis of my projects

1 Identification and analysis of the causes of hot spots on the roads of Moscow.

Short description of the projects, 1–3 sentences.

1. *The impact*: this project addresses a critical issue affecting urban transportation by identifying and analyzing the root causes of traffic congestion (hot spots) in Moscow. The findings could lead to improved traffic management strategies, reduced travel times, and enhanced overall road safety
2. *The consistency* : probabilistic models, geodata analysis
3. *The novelty* :this problem has hardly been studied on Russian data, and within the framework of constant changes in Moscow's road infrastructure it may help in further planning of the city's transport system.
4. *My contribution* : uncover hidden correlations between various factors contributing to traffic congestion and road safety
5. *The project focuses* : informed policy decisions aimed at alleviating congestion and improving urban mobility

2 Measuring quality of the motion planning unit of a self-driving car

Short description of the projects, 1–3 sentences.

1. *The impact*: implications for the development and safety of autonomous vehicles
2. *The consistency*: motion planning algorithms
3. *The novelty*: project introduces novel methods for evaluating vehicles' performance, which may include unique metrics or simulation environments tailored specifically for self-driving car scenarios

4. *My contribution*: frameworks that can accurately measure the effectiveness of motion planning in various real-world driving conditions
5. *The project focuses*: industrial needs

3 Resume

I still can't decide.