

Safecycling Lyon: Correlating Velo'v traffic with accident risks



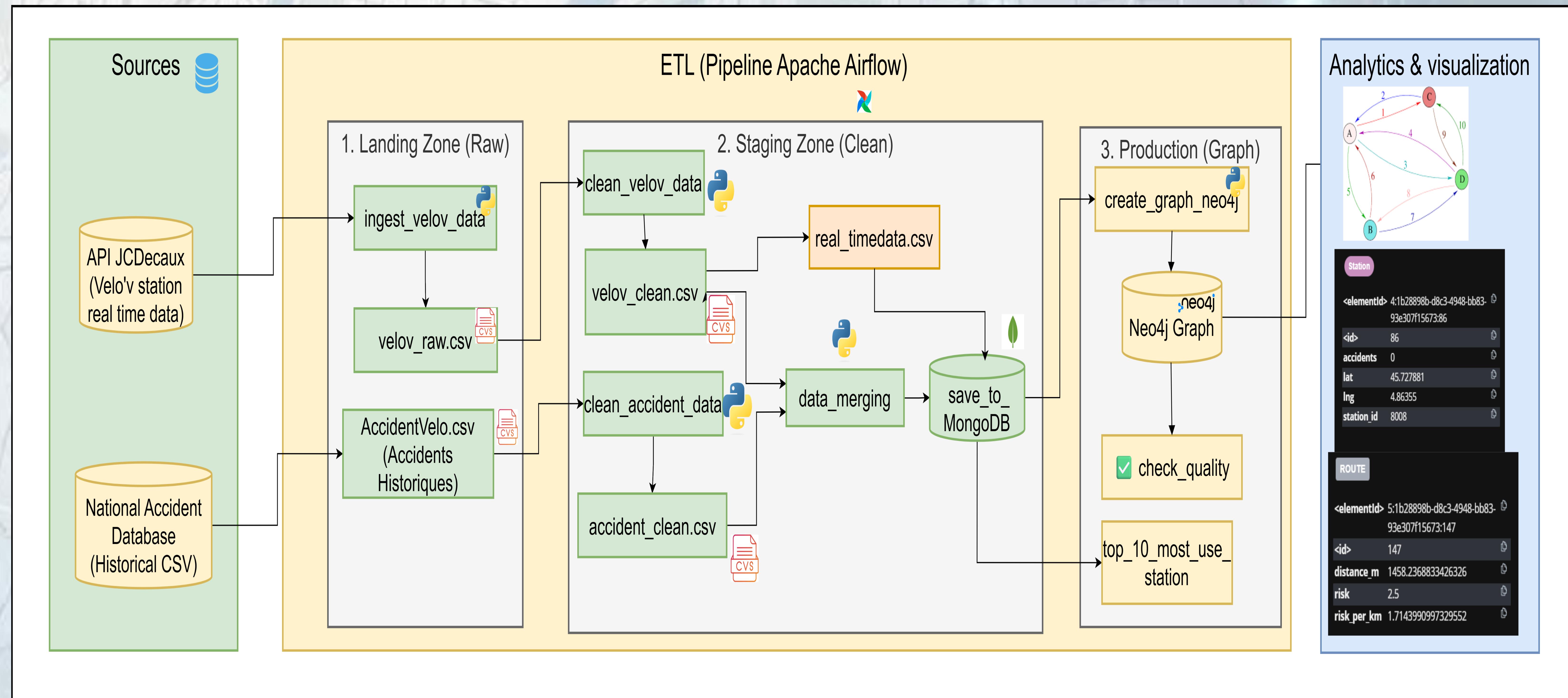
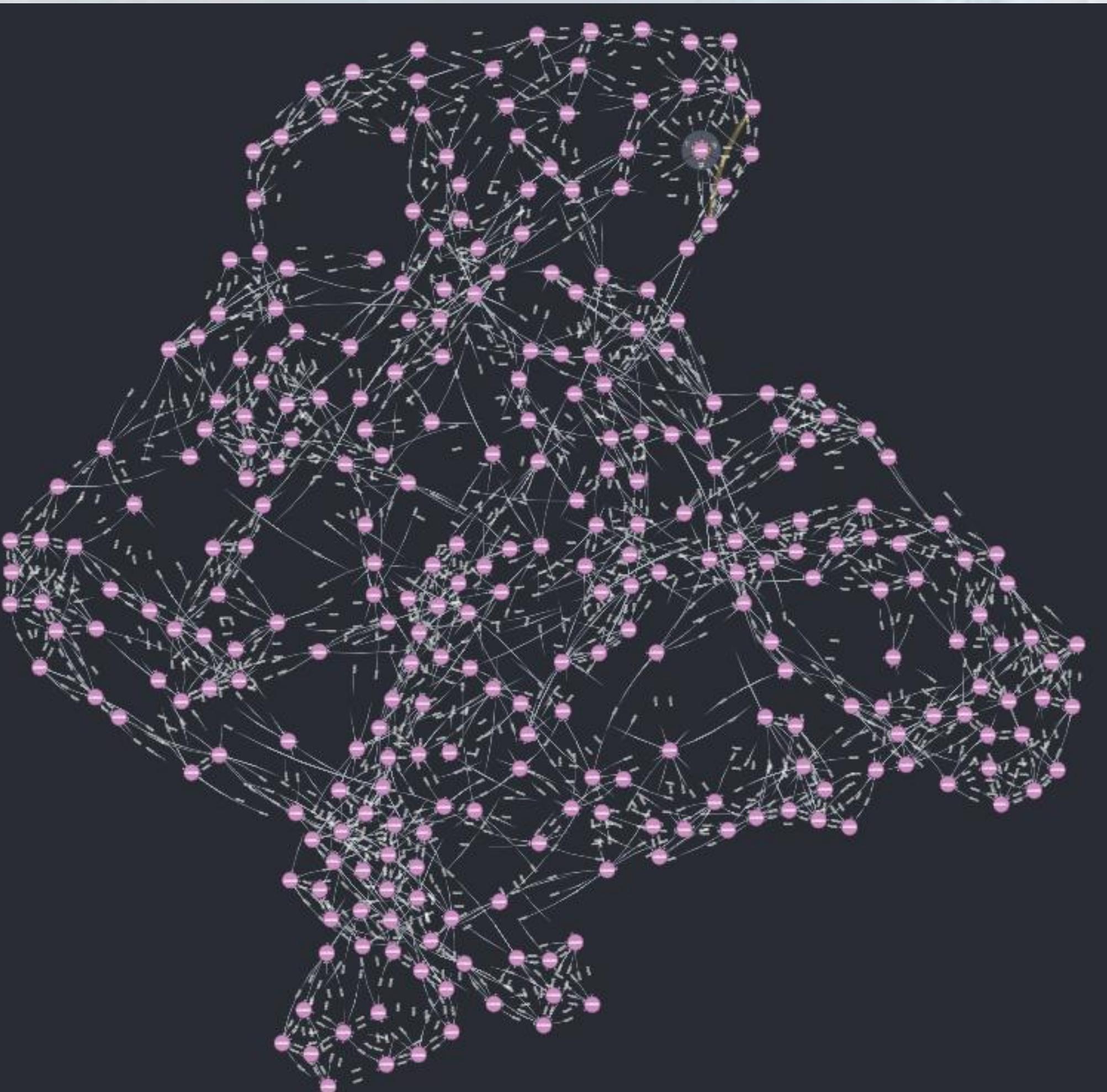
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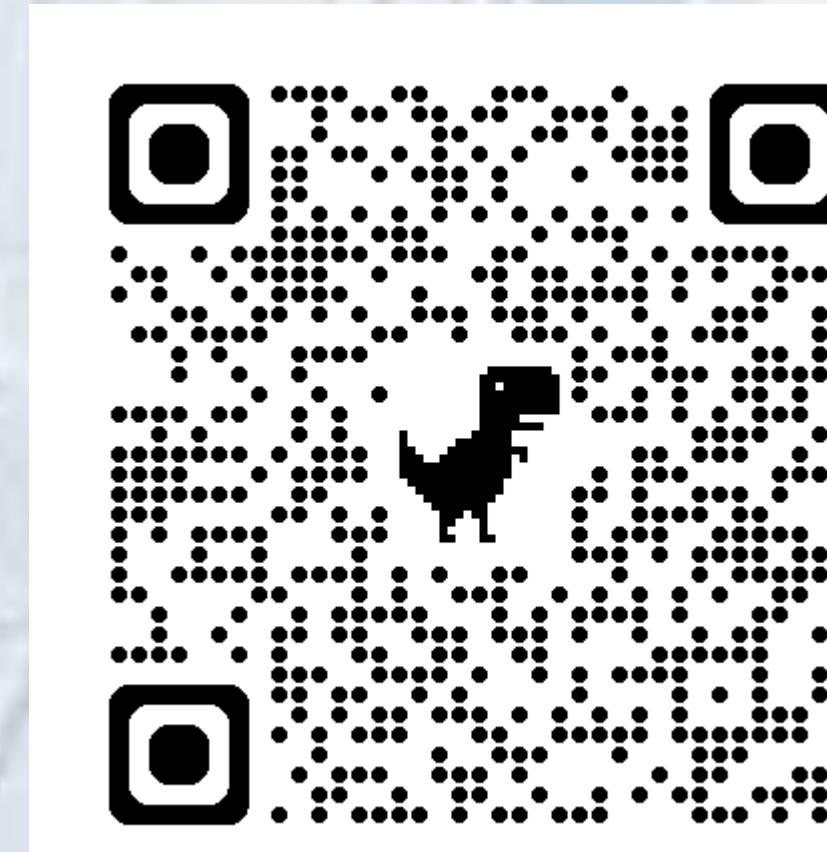
While cycling in Lyon is growing, safety remains a major concern. This project addresses the issue by analyzing years of collision data against real-time traffic. Our objective is to move beyond simple navigation and empower cyclists with a routing algorithm that prioritizes safety over speed, powered by a modern ELT architecture.

Objectives

- ❖ Which areas have high bike traffic ?
- ❖ What is the safest route between two stations (minimizing accident risk) ?
- ❖ How does station availability fluctuate during accident-prone hours ?



Repository



Bibliography

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- <https://opendata.koumoul.com/data-fair/api/v1/datasets/accidents-velos/raw>