



FRAUD DETECTION



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Fraud detection

Problematic

- Fraudulent credit card transactions:
€1 billion in 2019

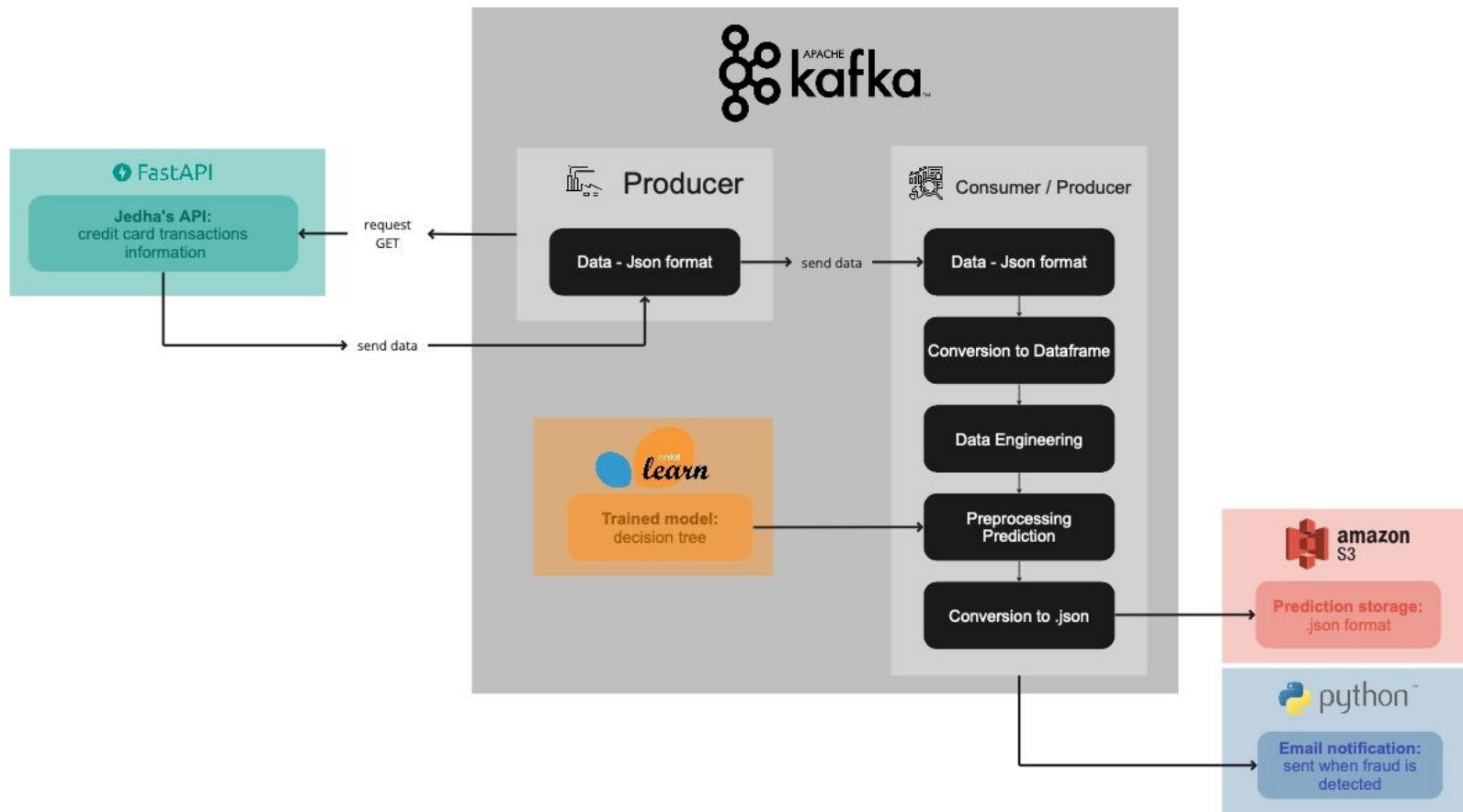
Context

- Fraud transactions from
1st Jan 2019 - 31st Dec 2020
- Simulated credit card transaction
dataset (*using Sparkov Data Generation /
Github tool created by Brandon Harris*)





Data Infrastructure





Demo



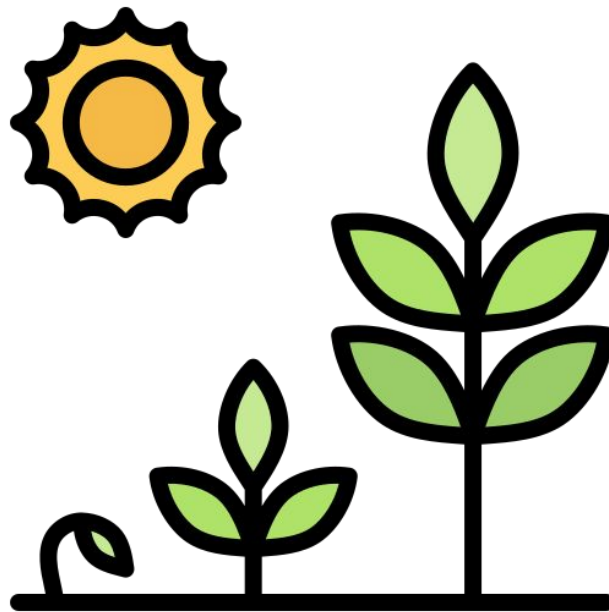
Future development

How to improve the solution?

- Deploy the solution for a full access
- Immediate notifications for important fraudulent transactions (for instance >€500)
- Daily recap notification

How to go further ?

- Create a dashboard to visualize and analyze predictions





Any questions?

