



# Baptiste Azéma

## Senior Data Engineer



## ➤ Professional Experiences

### # Renault Digital - Data Engineer | 2018 ▶ Current

#### **Datamart and AI** - Tech Lead | Current

Creation of a datamart and a scalable environment for ML models (3 machine learning models deployed to production). Deployment of a Web application on Kubernetes. Creation and maintenance of data pipelines to extract, transform and load data. Infrastructure as Code with Terraform.

GCP - BigQuery - Composer - PubSub - Scikit-learn - Spark - Kubernetes - AutoML  
Gitlab - Docker - Terraform - Python - SQL - DevOps - Scrum

#### **Data replication on-premise to GCP** | 3 months

Daily replication of 50 Hive databases (Hadoop) to BigQuery (GCP), in production for 18 months

Hadoop - GCP - Spark - Oozie - Composer - Gitlab - Terraform - Python

### # Sopra Steria - Data Engineer | 2016 ▶ 2018

#### **Air France** | 14 months

Near real-time platform providing advanced analytics and machine learning predictions to help front line improving operational performance

SparkStreaming - SparkML - Kafka - MongoDB - HortonWorks  
BitBucket - Java - Kanban

#### **Airbus** | 6 months

MapReduce application used to process and analyse flight test data (high volumetry)     MapReduce - Hadoop - HBase - Apache Phoenix - Java - C# - Scrum

#### **Misc**

*Apache Spark trainer* - 2 days training, provided 4 times for external and internal audience

*AI/sentiment analysis* - collect and analyse data from web social media during European Championship 2016 - deployed to IMB Cloud Bluemix

## 🎓 Education - Certifications

### Google Cloud Platform | 2019

Certified Professional Data Engineer on Google Cloud Platform — [CREDENTIALS](#)

### ICAM - Engineering Degree | 2011 ▶ 2016

Institut Catholique des Arts et Métiers, Toulouse

📞 +33 6 30 74 31 82

✉ [baptiste@azema.tech](mailto:baptiste@azema.tech)

🌐 [azema.tech](http://azema.tech)

🐙 [/AzemaBaptiste](#)

🌐 [/baptiste-azema](#)