Ilia Semukhin
Data & AI Engineer

Phone number: +351 920444299 | **Email:** ilia.semukhin@gmail.com

LinkedIn: https://www.linkedin.com/in/iliasemukhin/

ABOUT ME

Data & AI Engineer. Specializing in AI-driven data pipelines and legal tech solutions. Core Expertise: AI-Powered Data Analysis, Developed production-grade AI services for automated data validation, anomaly detection, and predictive analytics Legal Tech Innovation: Created AI service for automated legal opinion drafting (RAG architecture + NLP analysis).

Data Engineering: Designed optimized ETL pipelines and cloud DWH solutions (PostgreSQL, BigQuery, AWS/GCP), LLM Integration: Implemented AI agents. **Key Achievements:** Developed AI legal service that automates preparation of legal opinions, reducing processing time by 60%, Delivered €2M+ in cost savings through AI-enhanced data warehouse and automated reporting.

WORK EXPERIENCE

SEP 2023 – NOV 2024
Data Engineer CARPRICE LLC

Website https://carprice.auction

- Analyzing large datasets to identify trends, creating interactive dashboards to communicate insights.
- Developing predictive models for sales forecasting and marketing optimization.
- Leveraging customer data for business insights, analyzing customer behavior and product performance.
- Managing ETL processes and DWH for data integration, ensuring efficient data storage and retrieval.
- Preparing concise analytical reports for stakeholders.

SEP 2018 – FEB 2022 Moscow, Russia
LEGAL DEPARTMENT SPECIALIST ROSCOSMOS

Website https://roscosmos.ru/

Provided legal support for Roscosmos' construction projects, including facilities across Russia.

DEC 2012 – AUG 2018 Moscow, Russia
BUSINESS LAWYER EVERGREEN LINE

Website https://www.evergreen-line.com/

Legal support for business

JAN 2010 – NOV 2012 Moscow, Russia
BUSINESS DEVELOPMENT MANAGER SYNOVATE/IPSOS

Website https://www.ipsos.com/en-uk/europe

Marketing research business development, field work, data analysis, preparation of analytical reports.

EDUCATION

2023 Europe
IBM DATA ANALYST PROFESSIONAL CERTIFICATE IBM

DATA ANALYST Google Career Certificates

MICROSOFT POWER BI DATA ANALYST PROFESSIONAL CERTIFICATE Microsoft

AWS CLOUD FUNDAMENTALS Amazon Web Services

2008 – 2014 Moscow, Russia
BACHELOR OF ECONOMICS AND MARKETING Russian Social State University

2015 – 2018 Kazan, Russia
MASTER OF LAWS Kazan State University

DIGITAL SKILLS

DATA: ETL/DWH, Python, PostgreSQL, MySQL, MS SQL AWS (S3, Glue), Google Cloud Platform, Apache Airflow, Spark, Kafka, Docker, GitHub, Apache Superset, Tableau, Power BI, Jira.

AI-services: Promting, RAG, AI-agents developing, ElasticSearch, QWEN, DeepSeek, Whisper, Claude, Genspark, Manus.