



IT development and Data Science outstaff teams for retailers

High competence teams, Design, Build,
and Deliver Software Solutions for retail

www.aiaecosystem.com



Who and when needs the service

- Build in-house IT, Big Data or ML solutions using best worlds practices
- Set up state-of-art data engineering architecture, data warehousing and data analytics for various retailer's departments
- Clean the data and set up data governance solution
- To solve the data analysis tasks like prediction and optimization, text/voice/video recognition, finding dependencies, detecting anomalies, etc;
- Quick system prototype based on your data;
- To quickly strengthen your Data Science team with suitable competencies
- Real time omnichannel solutions (connecting the dots throughout shopper journey and aligned with key end-2-end business processes)

We can support you at any stage of the project

- Creation of full-time or part time IT development & DS teams with set of highest competencies.
- Creation and substantiation of the statement of work, prototyping, programming, pilot implementation, commissioning, maintenance, and further system development.

The problems we solve



Hypothesis testing
Product prototyping



App, Web, Shopper engagement tools, BI tools, Back-end, Frontend



WMS, PoS, Real Time data flow, Supply Chain solutions, Store-staff management



ETL, data collection, cleaning, structuring, enrichment



Data source audit



Development & optimization of the data analysis IT landscape



Model validation and calibration



Formalizing the requirements for data collection, conditioning, and labeling



Design and implementation of ML and AI service architectures



Implementation of machine learning (ML) approaches



Education



Documentation development

Retail Product Development



A launch pad for your retail product

We create for you highest competencies teams with start-up agile environment to deliver full-cycle software product development services from market research and business analysis to design, develop and launch

How we differ

- We bring innovative AI & retail technologies to build next generation solutions with best performance & at the lowest cost
- We bring game-changing tech ideas that can make a measurable difference for your business.
- Our agile approach merged with management expertise makes it simple for you to track progress.
- We fashion user experiences that help people accomplish their goals quickly and enjoyably.

This model is best suited for

- Retailers that want to digitalize: move to digital successfully with the assistance of field experts.
- Retailers launching their own product in the market: get all the resources needed to quickly launch and manage the product
- Early-stage retail startups without a tech team: gain technical experts quickly to build your startup.

Retail Dedicated Software Development Team



Hire dedicated software developers to fit your needs at scale

Alleviate the pressure of a backlog without having to hire, train, and maintain long-term salaries. Hire a dedicated & Silicon Valley calibre software development team of hand-selected engineers.

A cost-efficient alternative

Numbers vary, but the average in-house rate is \$70/hour while the average outsourced **dedicated development team rate is \$50/hour**. You may, however, find an outsourcing vendor that isn't that much cheaper to work with, but they are sure to offer the efficiency you could never reach with your in-house team.

Dedicated development team model is best suited for

- Retail companies that need to extend expertise: get specialists of any expertise and seniority in a short period of time;
- Retail businesses with tight deadlines: fit into tight schedule by swiftly boosting your capacity with remote experts;
- Retail startups that need to scale quickly:: spend no time on local hires by leveraging an offshore managed team of any size;

Retail Dedicated Data Science Team



We transfer experience

- We know how to explain the value of ML and AI products in simple terms, communicate with business stakeholders and functional customers;
- Choose the optimal tools for the implementation of services and products taking into account the existing constraints (time-to-market, development costs, and platforms). If you already work with a particular technology stack, we will find employees with the most relevant experience;
- We take the industry specifics into account.

Dedicated DataScience team model is best suited when

- When it is necessary to solve the some data analysis problems like prediction and optimization, text/voice/video recognition, finding dependencies, detecting anomalies, etc;
- When a quick system prototype is needed based on your data;
- When it is necessary to quickly strengthen your DS team with suitable competencies.