



AI Co-pilot

A Machine Learning tool designed to assist industry experts in their work

Facilitated decision-making by analyzing vast amounts of data

Automation of repetitive tasks

Real-time generation of practical conclusions

ВЫЗОВЫ ОТРАСЛИ

[01]

Time-consuming interpretation of input data

[02]

Risks of human error when interpreting data and generating ideas

[03]

Costly delays due to reactive maintenance

BENEFITS OF AI CO-PILOT

[01]

Less routine

Automated routine task performance to give specialists more freedom to engage in crucial activities

[02]

Real-time monitoring

Use of machine learning algorithms to identify regularities in performance, predict anomalies and optimize operations

[03]

Big data

Analysis and storage of large volumes of data to recognize patterns and get response to associated inquiries

COGNITIVE SERVICES

Text manipulation

Translation, editing and automatic summarization

Knowledge base processing

Tool to search for answers, extract information from external data sources and generate coherent feedback

Predictive services

Data analysis, agent management and user support

ML-МОДЕЛИ

Drilling

Selection of vital parameters for squeeze cementing, definition of the best possible drilling bit depending on the existing composition of cuttings

Exploration and production

Evaluation and estimate of reservoir pressure, selection of candidates for well intervention, forecast of production rates for new wells

Geology

Petrophysics automation, logging interpretation, identification and forecast of bed and reservoir properties according to geological and geophysical dataset

ПОТЕНЦИАЛЬНЫЕ ЭФФЕКТЫ

25-30%

Enhanced forecasting accuracy

15-20%

Reduced maintenance and servicing costs

20-40%

Decreased downtime

15-30%

Improved HSE