Anacav
Think Big

With great data and the correct innovation, individuals and foundations today can at present take care of difficult issues and improve the world. when we took a gander at the accessible innovation, we saw items that were too unbending to even think about handling novel issues, and custom frameworks that took too long to even consider deploying and required an excessive number of administrations to keep up and improve. We saw a requirement for an alternate sort of innovation, and we realized it would take an alternate sort of organization to assemble it. That is the reason we established Anacav.

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About
Our Company

Artificial intelligence is science that helps machines to behave like an intelligent human. Today, by using artificial intelligence and taking advantage of existing data, organizations and companies can be helped in making decisions to improve performance. Machine learning has the ability to generalize information from a big data and can use algorithms to recognize relationships and patterns between data, obtain useful results and take new actions.

Kalan Dadeh Poyan Novin Knowledge-based company with the brand name Anacav operates in the field of data and artificial intelligence Services. The main subject of the company is to help organizations, businesses and companies that have an important asset. We stand next to our customers as a member of their family and consider ourselves partners in their problems, challenges and concerns. We help our clients to find the hidden values of their data using analytics and artificial intelligence tools. Anacav continuously strives to provide quality products with the highest standards based on its technical knowledge and capabilities in the field of artificial intelligence and data analysis.

> Anacav products with the added value it creates for its customers make you surpass your competitors.

Executive History

Company Name	ESB	DLI	ELP	ECP	SCD	DBI360
Electricity Distribution Co. of Isfahan province	✓	✓	✓	✓	✓	✓
Isfahan Electricity Distribution Co.	✓	✓			✓	
Mashhad Electricity Distribution Co.	✓	✓				✓
Markazi Province Electricity Distribution Company	✓	✓			✓	
MAPNA Generator (Pars) Company		✓				✓
Tawanir Co.						✓
Khorasan Razavi Electricity Distribution Co.			✓	✓	✓	
Isfahan Scientific Research Town		✓				
Isfahan University of Technology		✓				
Securities and Exchange Organization	✓					
Azerbaijan Sharghi Electricity Distribution Co.	✓					
Isfahan Mubarake Steel						✓
Niroo Research Institute	✓					
Imam Khomeini Relief Foundation						✓
Bakhtar Regional Electricity Co.	✓					
Khuzestan Regional Electricity Co.	✓					
Ahvaz Electricity Distribution Co.	✓					
Golestan Province Electricity Distribution Co.	✓					
Hormozgan Province Electricity Distribution Co.	✓					

Our Solutions:

1 **Enterprise Service Bus (ESB)**

2 **Data Lake and Information Integration (DLI)**

3 **Energy Consumption Prediction (ECP)**

4 **Electric Load Prediction (ELP)**

5 **Suspicious Consumption Detection (SCD)**

6 **360 degree Business Intelligence Dashboard (BI)**

Application fields of the company's products

Financial Services

Transportation & Logistics

Public & Government

Education

Healthcare

Technology

Manufacturing

Energy & utilities

Retail

Our customers

MAPNA Generator (Pars) Company

سازمان بورس و اوراق بهادار
SECURITIES & EXCHANGE ORGANIZATION

کمیته امداد امام خمینی
Imam Khomeini Relief Foundation

N.R.I
Niroo Research Institute

شرکت توزیع برق استان اصفهان
Esfahan Province Electricity Distributor Company

شهرک علمی و تحقیقاتی اصفهان
ISFAHAN SCIENCE AND TECHNOLOGY TOWN

شرکت توزیع نیروی برق استان مرکزی
Markazi Province Electricity Distribution Company
www.mpedc.ir

شرکت توزیع نیروی برق اهواز (سهامی خاص)
زیرمجموعه شرکت توانیر و وابسته به وزارت نیرو

شرکت توزیع نیروی برق شهرستان اصفهان
Esfahan Electricity Power Distribution Company

دانشگاه صنعتی اصفهان
Isfahan University of Technology

شرکت توزیع نیروی برق شهرستان مشهد
Mashhad Electric Energy Distribution Co.

شرکت سهامی برق منطقه ای باختر
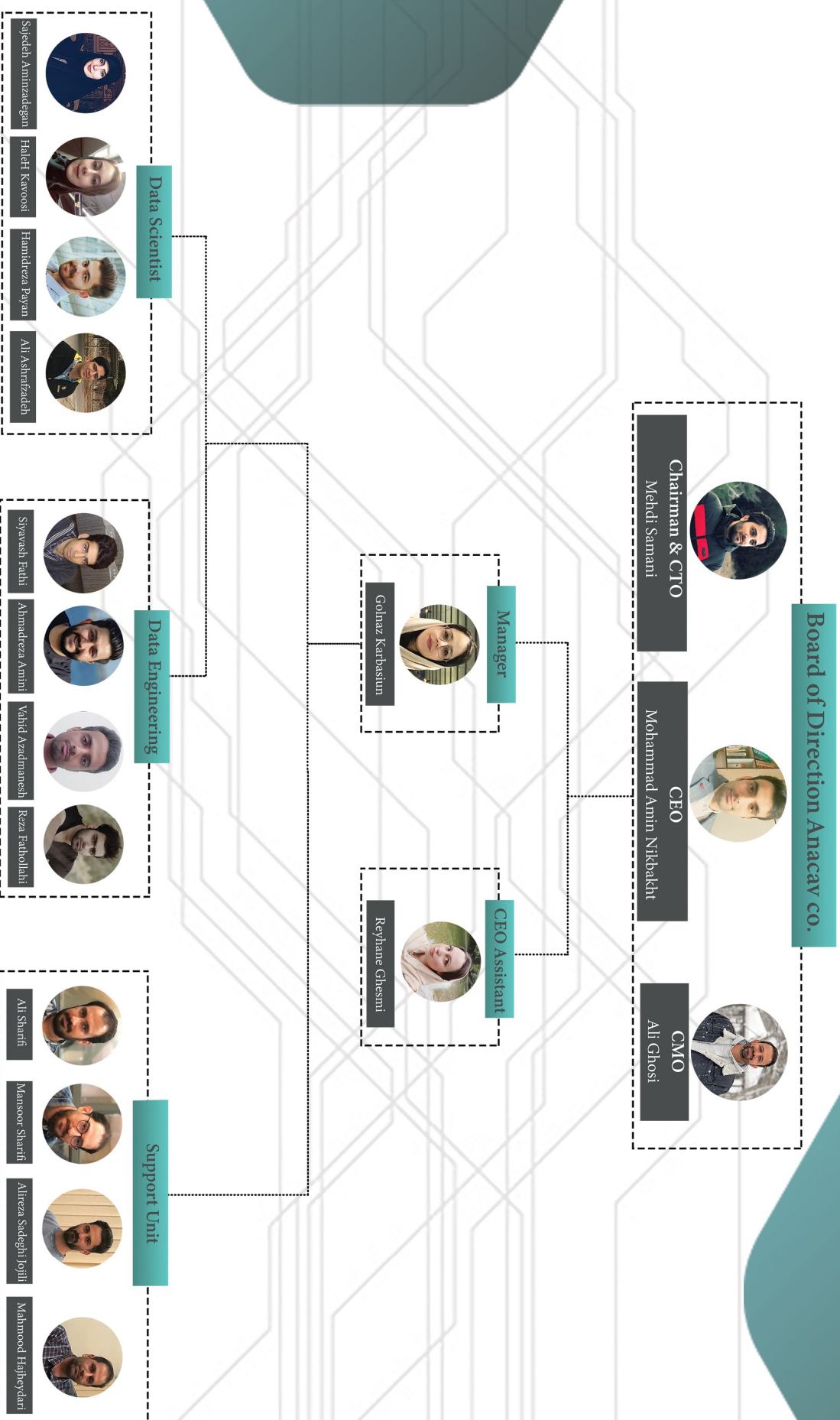Bakhtar Regional Electricity Co

شرکت توزیع نیروی برق استان آذربایجان شرقی
Azerbaijan Sharghi Electricity Distribution Co.

شرکت توزیع نیروی برق جنوب استان کرمان
South of Kerman Electricity Distribution Co

Our Team

Data Scientist

- Sajedeh Aminzadegan
- HaleH Kavoosi
- Hamidreza Payan
- Ali Ashrafzadeh

Data Engineering

- Siyavash Fathi
- Ahmadreza Amini
- Vahid Azadmanesh
- Reza Fathollahi

Support Unit

- Ali Sharifi
- Mansoor Sharifi
- Alireza Sadeghi Jojili
- Mahmood Hajheydari

Manager

Golnaz Karbasiun

CEO Assistant

Reyhane Ghesmi

Board of Direction Anacav co.

Chairman & CTO
Mehdi Samani

CEO
Mohammad Amin Nikbakht

CMO
Ali Ghosi

anacav

Introduction of products

1 Enterprise Service Bus (ESB)

Integrating internal and external communication in order to create value for businesses faster.

Tool: wso2,kafka

Advantages

- Load Balancing
- Reliability
- Scalability
- Monitoring
- Integrity
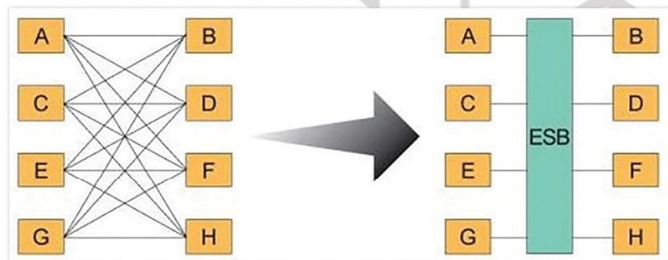
Targets

- Reduce expense
- Optimization
- Helping to plan for the systems that will be added to the organization in the future

2 Data Lake and Information Integration (DLI)

Storage and integration infrastructure for distributed analytics and processing on big data
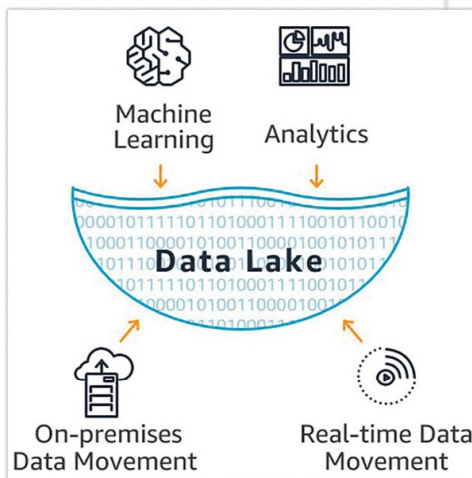
Tool: singlesotre, potgresql

Advantages

- Advanced analysis
- Using big data to increase business value
- Data storage with different structure
- security
- Real-time processing

Targets

- Cost reduction
- Optimization
- Creating new opportunities
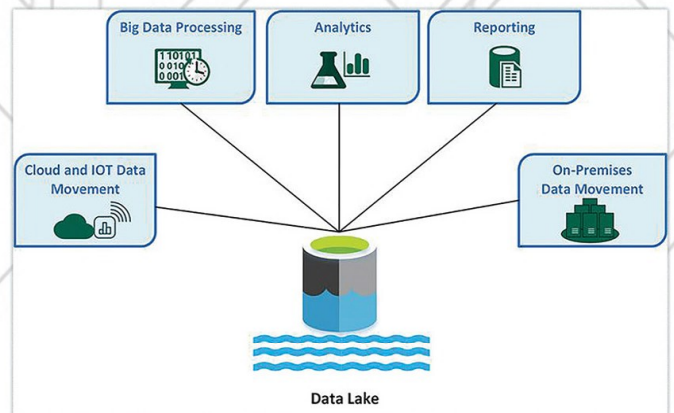
3 Energy Consumption Prediction (ECP)

Using its artificial intelligence engine, this system performs complex analysis on smart meter data and creates added value.
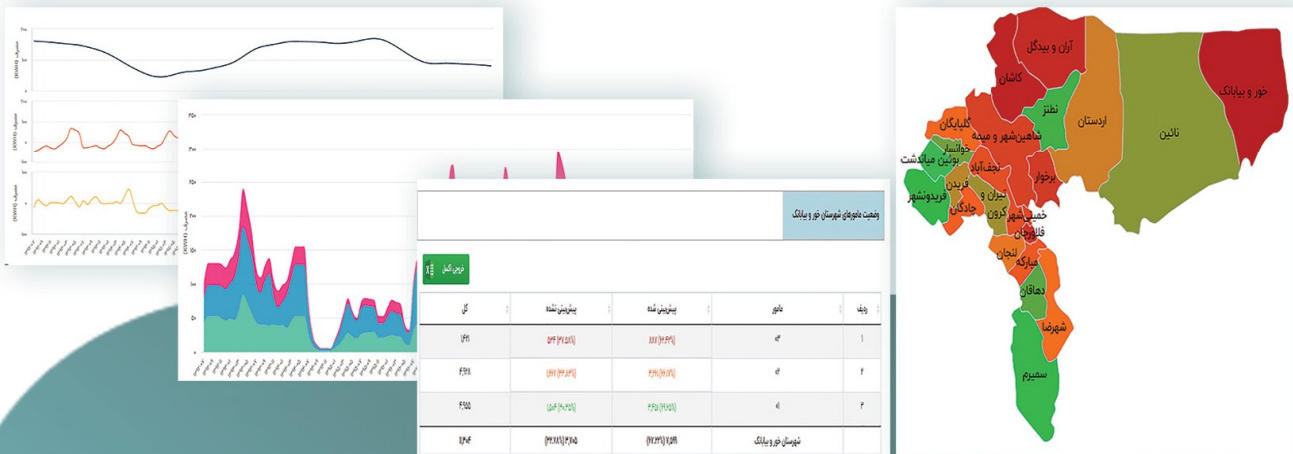
Tool: Machine learning algorithm, Data Science

Advantages

- Consumption profile
- Identify incorrect data
- Detecting abnormal trends in consumption (for example, electricity theft can be mentioned in the electricity industry)
- Forecast

Targets

- Reducing the expenses and increasing the profit of companies.
- Helping to make decisions now and in the future.
- Providing management tools.
- Consumption management.
- Reduction of index more than two payments on account in a row.
- Assessing the performance of the electricity meter reading agents.
- Increasing performance of meter reading (by reading the electricity meter of subscribers in closed or hard-to-pass areas in cold or hot seasons).
- Optimizing the service description of agents.

4 Electric Load Prediction (ELP)

by using predictive algorithms, artificial intelligence and heuristic methods, we have succeeded in predicting the electrical load of feeders with 98.2% accuracy.

Tool: Machine learning algorithm, Data Science

Advantages

- Increasing customer satisfaction
- Planning to build a power plant based on load forecast
- Planning to assign blackouts to feeders and smart meters
- Planning for rewards and fines for low-consumption and high-consumption subscribers, respectively

Targets

- Control of feeders in peak load
- Management of consumption of demand feeders and meters
- Predictive maintenance
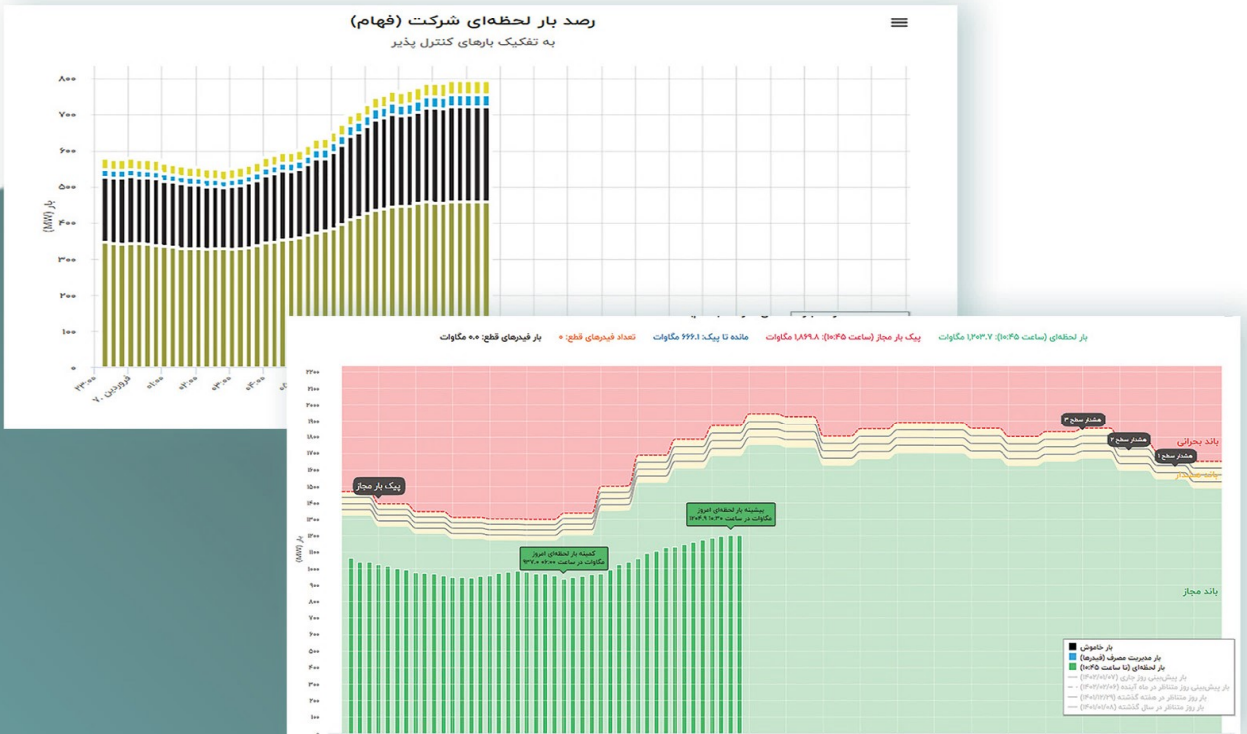
5 Suspicious Consumption Detection (SCD)

by using artificial intelligence algorithms and anomaly detection and using subscriber inspection information, we have succeeded in developing a product that is able to detect subscribers who have unusual consumption patterns.

Tool: Machine learning algorithm, Anomaly detection algorithm

Advantages

- Reducing electricity losses
- Troubleshooting and correction the system based on abnormal consumption of subscribers
- Reducing inspectors' time in order to search for abnormal subscribers

Targets

- Intelligent inspection
- Assessing the correctness of customers' electricity consumption
- Recognition of the changing in subscribers' consumption trend (investigating the sudden decrease or increase in subscribers' consumption and subscribers including unusual consumption)
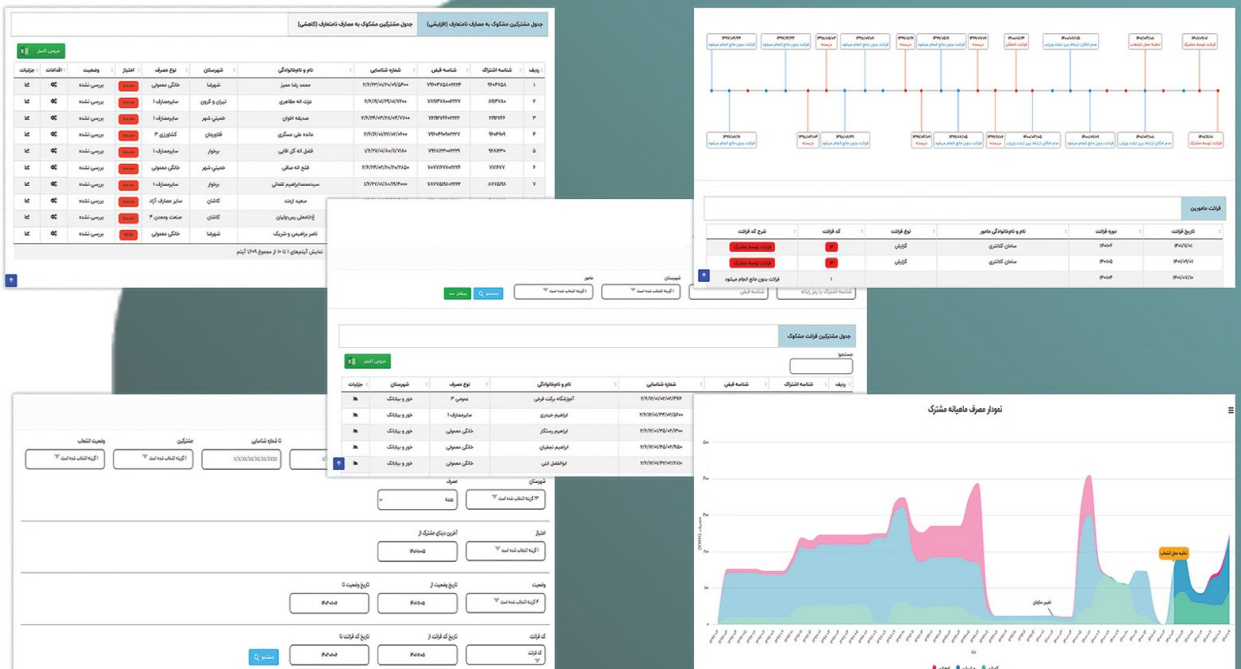
6 360 degree Business Intelligence Dashboard (BI)

Creating business intelligence dashboards based on the organization's key indicators with a 360-degree view of the organization's entities

Advantages

- Ability to connect to all databases
- Ability to run on all platforms (phone, tablet, etc.)
- Connecting to big data databases
- Respond in real time
- Measurement of various business parameters and criteria
- and etc.

Targets

- Creating a 360-degree view of the customer
- Increase profit and decrease expenses
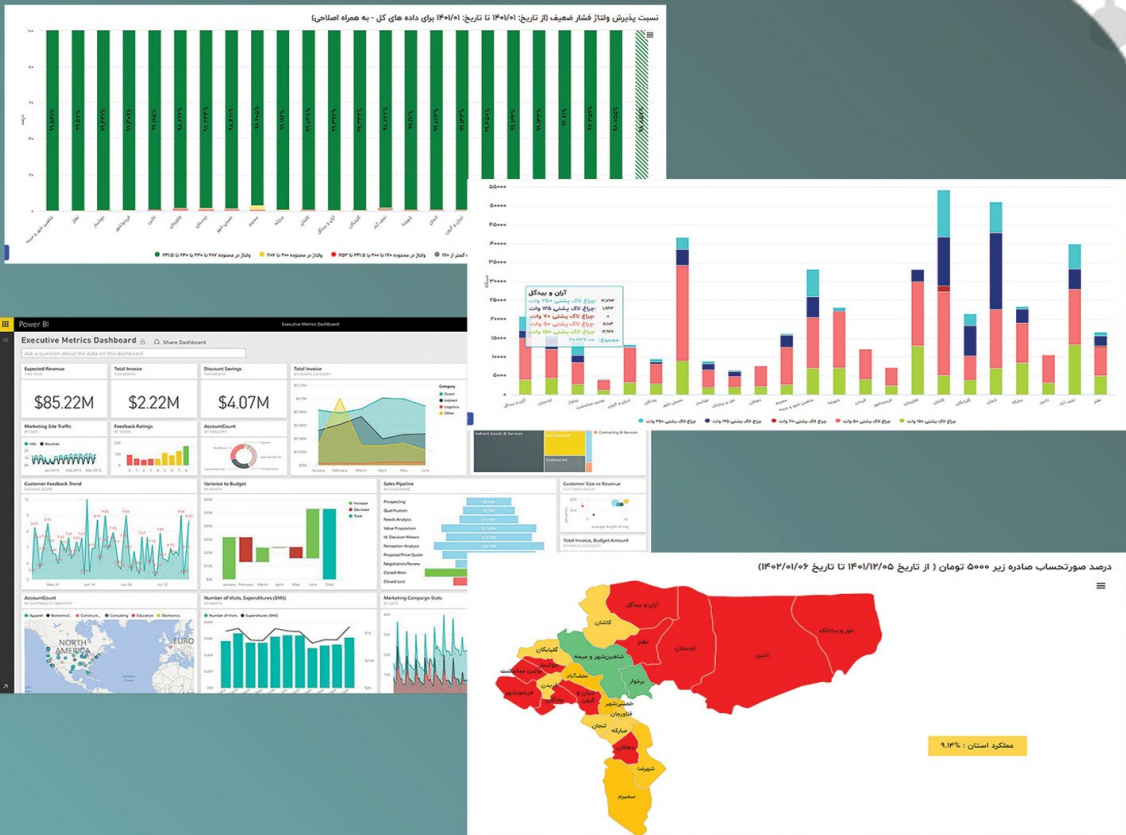
How to cooperate with us

It is possible to have a team of specialists in other countries. For this purpose, it is necessary to send the conditions of attendance and invitation by the host country.

You can contact any of the following people for details and product sales.

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