

Case Study: Finance and Product Stocks Analytics (Sobi)

Prerequisites

Our customer is a manufacturing company producing raw and semi-prepared **plastic materials** for mostly **wholesale distribution**. Once it has become hard to monitor huge data volumes and make business decisions on its basis, the management staff came up with the idea to deploy **analytical dashboards**, at first stage for finance and product stocks analytics. Customer required a set of **Microsoft Power BI** dashboards to fulfill their analytical needs.



Data Sources

In order to provide initial BI solution (some sort of minimal viable product for the customer to consider further necessity of Microsoft Power BI deployment), which should be developed in **short terms** and being comfortable for the customer by meaning of installation, we have been provided with raw datasets organized as **Microsoft Excel** files dumped from the customer's enterprise information system.

Solved Problems

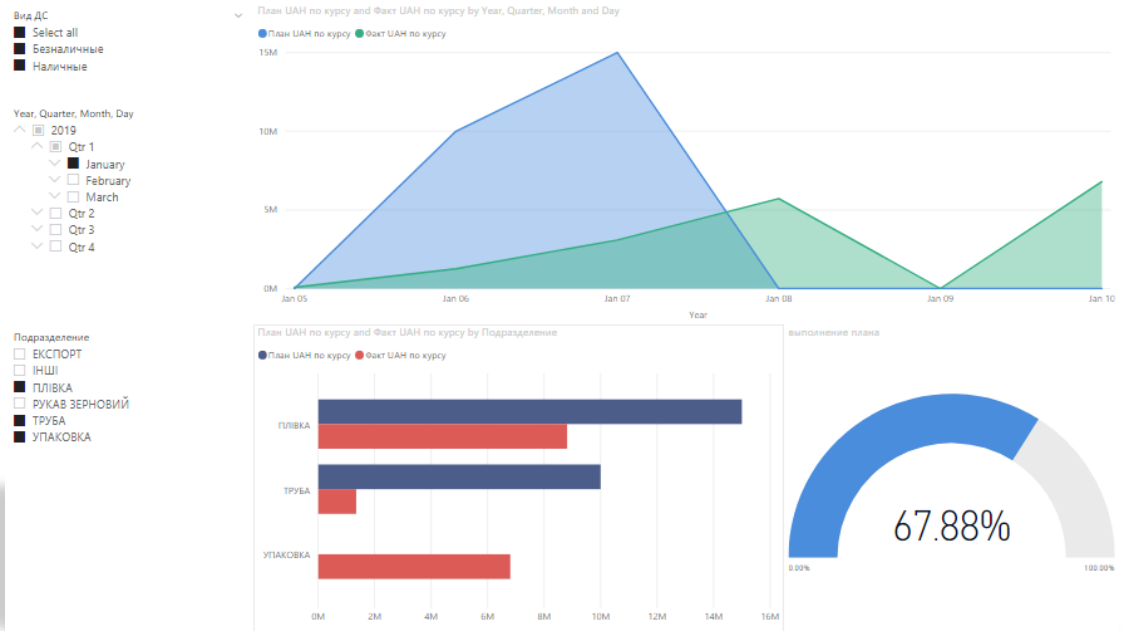
- Datasets **cleansing** and **errors removal**
- Information **consolidation** from multiple heterogeneous raw data sources
- Multi-currency analytics for **financial indicators** (income, debts, payments etc.)
- **Multidimensional analytics** by warehouses, product categories, counterparties, contracts etc.



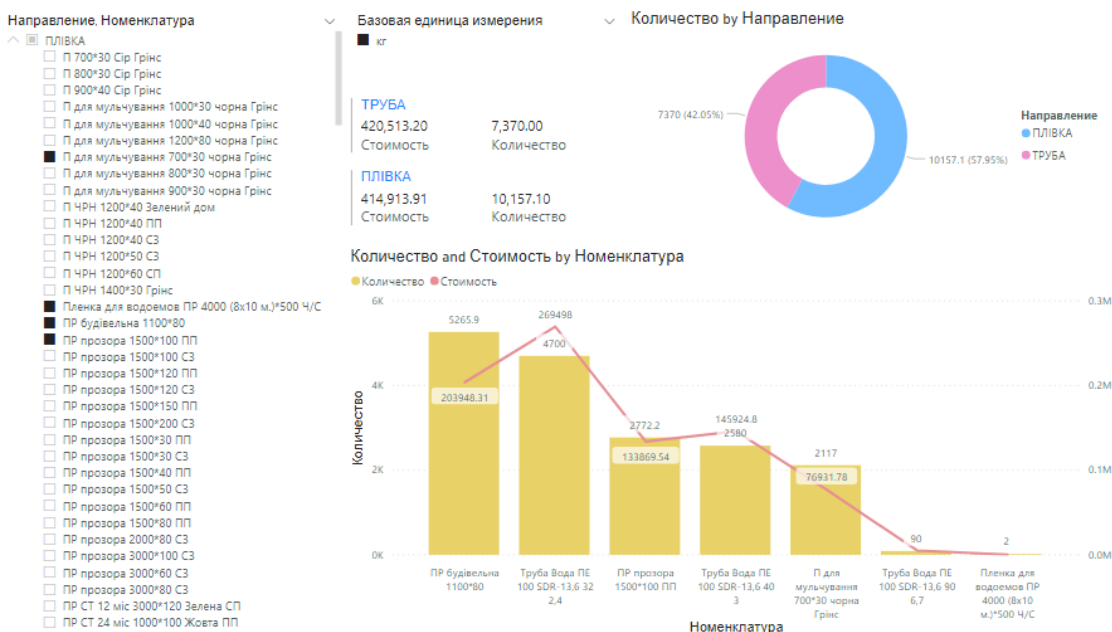
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Sample Solutions

Here are demonstrated some of our BI solutions approved by the customer and deployed for production usage on **Desktop** and **Mobile** devices



Dashboard for comparative analysis of planned and actual income



Dashboard for multidimensional analysis of product stocks

In total there were developed about **10 BI dashboard solutions**