Artur Dossatayev

CONTACTS

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SUMMARY

Professional with 9 years of total experience in different industries. 6 years in data analysis and data engineering. Passionate about helping businesses succeed. Open for opportunities related to data engineering, data analysis, quantitative research/development.

OWN PROJECTS

Divergence indicator and trend indicator (Project)
Built a divergence and trend indicators and the project around it to predict future price movements. Added features to pull price data from yahoo and show results in the charts. Libraries used in the project: Rcpp to use C++ code in R, ggplot to make great charts. As a result of the script we have 2 charts - one with pivot points and one with trendline. (demo)

Blockchain data analysis (Project)
Built SQL script to gather data from Polygon blockchain on NFT sells on OpenSea platform. Splitted script into several logical parts to make it clear for everyone. As a result of the script we have got the list of transactions with all related information on buyer, seller, transaction_hash, amounts in crypto and USD, etc. (demo)

Options backtesting software (Project)
Built project for conducting Options backtesting. Since prices on options data are quite high, there is an idea to do it for free. So, it has split into several parts: portfolio, strategy and Black-Scholes model pricing part. As a result, using just the underlying instrument price, pulled from any free source, and BlackScholes model for options pricing it's possible to backtest trading strategies. (link)

EMPLOYMENT

Data Engineer/Team lead, *Coins.ph*   **Oct 2021 - Present**
- **Coordinating team** activities and **knowledge sharing** across team members
- Implemented finance reconciliation framework, based on **Spark streaming**
- Successfully collaborate with stakeholders on business and technical requirements and decompose them into the tasks
- Quarter planning and sprint sessions for the team

Business Intelligence Engineer, *Coins.ph*   **Sep 2020 - Oct 2021**
- Completed migration between **BI tools**. Migrated more than 1000 charts in 2 months.
- Automated process of adding of new cryptocurrencies, decreases workload for up to 80%.
- ID verification pipeline partially automated, **manual workload decreased for up to 15%**

Business Intelligence analyst, *OLX Group*   **Jul 2018 - Sep 2020**
- Optimized user banning process, as a result, saved up to 50 human-hours per month
- Performed **several trainings for employees** on how to use **Excel** and self-service system
- Created several **Shiny dashboards** for interaction with DB as part of self-service system
- Implemented fully automated calculation of plans for the B2B sales department
- Designed several business cases for potential projects which could increase business metrics

Mar 2016 - Apr 2018

Compensation & benefits specialist, *Home Credit Bank*
- Automated bonus calculation process for 3000+ employees, as a result decreased error rate to 0.5%, saved up to 16 human-hours per month
- Optimized complex queries in **PL/SQL**, execution time decreased up to 10 times

Research Associate, *JSC Kazakhtelecom*   **Oct 2013 - Feb 2016**
- Automated several reports using **VBA**, decreased error rate and saved up to 20 human-hours per month
- Developed several researches, including implementation costs

Professional freelancer, *Upwork*   **Oct 2013 - Feb 2015**
- Developed a fully automated reporting system for a Business on Amazon Marketplace using **R, Python, MySQL and MWS API**.
- Designed business case for coffee producer and provided impact of risk on metrics using **Monte Carlo simulation**

SKILLS & TOOLS

Languages: **SQL**, **Python**, **Scala**, R, VBA/Google Script
BI Tools: Metabase, Periscope, Power BI, Tableau, Shiny Dashboards
Orchestration tools: **Airflow**, Dagster
DBs: **Postgres**, MySQL
Distributed computing: **Apache Spark**
Engineering: Git, Docker, **AWS**, **Technical analysis, Strategies backtesting**
Spreadsheets: Excel, Google Sheets

EDUCATION

Master's degree (MSc), *AUPET [GPA - 3.63/4]*   **Sep 2013 - Jun 2015**
Bachelor's degree, *AUPET [GPA - 3.81/4]*   **Sep 2009 – Jun 2013**
Financial analyst, *CFA institute*   **2016 – Present**

LANGUAGES AND HOBBIES

Languages: Russian (**Native**), English (**C1 level**), Kazakh (**A2 level**)
Hobbies: Algorithmic trading, Nutrition, Fitness, Reading/Learning, Swimming, DJ-ing