

DENISS IVBULIS

Finance Analyst | Mathematics, Data Science & Quantitative Finance

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PROFESSIONAL PROFILE

Finance Analyst specialising in financial modelling, forecasting, plan-versus-actual analysis and management reporting. Experienced in reviewing integrated models, structuring financial and operational data, and supporting companies and investment projects across different industries and countries.

From September 2026, pursuing parallel Master's programmes at the University of Latvia in Mathematics and Data Science and in Financial Economics. Academic interests include statistics, quantitative finance, machine learning and algorithmic research.

PROFESSIONAL EXPERIENCE

John Galt Finance

APR 2026
TO
PRESENT

Finance Analyst · Full-time · Remote

FEB 2026
TO
MAR 2026

Junior Finance Analyst Intern · Internship

- Build and maintain integrated financial models for operating companies and investment projects across several industries and countries.
- Prepare forecasts, plan-versus-actual analyses, scenario calculations and management dashboards.
- Analyse P&L, Balance Sheet and Cash Flow statements and reconcile outputs across the model.
- Review assumptions, formulas, calculation logic and links between financial statements.
- Structure source data and work with Microsoft Excel, Google Sheets and Xero while maintaining client confidentiality.

MAY 2025
TO
DEC 2025

Fatum

Co-founder & Data Analyst · Independent project

- Co-founded a football analytics project that used historical and live match data to identify patterns associated with a higher probability of a goal.
- Analysed approximately 10 years of historical data, expanding coverage from more than 50 to over 100 leagues worldwide.
- Worked with football analysts to define recurring pre-goal patterns and translate them into model inputs.
- Built Google Sheets workflows for live-data processing, signal review and iterative model testing.

SIA Kreiss

JAN 2025

Financial Management & Tax Administration Intern · Internship

DEC 2024

Financial Accounting Intern · Internship

- Used the 1C accounting system to process payments, invoices, supporting documents and accounting entries.
- Assisted with tax-related tasks and routine financial administration.
- Prepared calculations and supporting data in Microsoft Excel.

JAN 2018
TO
PRESENT

Latvian Volleyball Federation

Volleyball Referee · Indoor & Beach Volleyball

- Officiate indoor and beach volleyball matches and apply the rules consistently in competitive environments.
- Make impartial decisions, manage communication and resolve match situations under pressure.
- Maintain concentration, accuracy and responsibility throughout each match.

EDUCATION

STARTS
TO
SEP 2026

University of Latvia

Master's in Mathematics and Data Science · Academic Master's · Data Science specialisation

Admitted with a competition score of 916/1000. The programme covers statistics, data science, applied algebra, nonlinear optimisation, Python, R and MATLAB.

STARTS
TO
SEP 2026

University of Latvia

Professional Master's Degree in Financial Economics

The programme covers financial economics, corporate finance, investment analysis and applied financial decision-making.

SEP 2022
TO
JUN 2026

University of Latvia

Professional Bachelor's Degree in Finance Management

Diploma average: 8.6/10 · Bachelor thesis defence: 10/10

Thesis: Application of Moving Averages in ETF Performance Analysis and Forecasting.

SELECTED RESEARCH & PROJECTS

Bachelor Thesis Research / Completed

Compared SMA, EMA and WMA strategies across three UCITS ETFs and prepared 12-month base, optimistic and cautious forecasts.

3D Spiral Chart / Research Concept

Research concept for a three-dimensional financial-data visualisation based on a golden spiral, aimed at exploring cycles and structures in time-series data.

Algorithmic News Trading System / Planned Research

Planned NLP and machine-learning system for assessing the market impact of news and influential public accounts and generating risk-controlled trading signals.

Blue Ocean Discovery Algorithm / Planned Applied Research

Planned framework for screening business models, investment ideas and markets for opportunities with limited direct competition.

Ivbul Theory / Long-term Research Programme

Long-term research framework linking sub-ivbuls, ivbuls, business molecules, mesostructures, markets, macroeconomic states and an evolutionary spiral.

CORE SKILLS

FINANCE Financial modelling, budgeting, forecasting, plan-versus-actual analysis, P&L, Balance Sheet, Cash Flow, scenario analysis, investment-return analysis, management reporting and model auditing.

DATA & PROGRAMMING Python, Jupyter Notebook, Pandas, data analysis, data visualisation, statistics and basic automation.

TOOLS Microsoft Excel, Google Sheets, Xero, 1C and Microsoft PowerPoint.

DEVELOPING AREAS Machine learning, quantitative finance, algorithmic trading, optimisation, mathematical statistics, time-series analysis, R and MATLAB.

CERTIFICATES

Python and Statistics for Financial Analysis

HKUST · Jul 2026

Introduction to Artificial Intelligence (AI)

IBM · Nov 2025

Learning How to Learn

Deep Teaching Solutions · Dec 2025

Real Estate Financial Modeling

Coursera · Feb 2026

Introduction to Front-End Development

Meta · Nov 2025

Work Smarter, Not Harder

University of California, Irvine · Mar 2026

LANGUAGES

Russian: Native · **Latvian:** Advanced / Professional working proficiency · **English:** Working proficiency; strong reading and writing