ARSEN TAGIBEKOV

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Summary

Master's in Business Administration and Bachelor's in Economics graduate with a proven ability to deliver impactful, data-driven solutions. Experienced in financial analysis, valuation, forecasting, and process optimization through real-world projects across diverse industries. Skilled in Python, SQL, R, SAP, Tableau, and Excel, with a track record of transforming complex datasets into clear insights that support strategic decision-making. More information is available here: https://arsentag.github.io

Skills

Technical Skills: Microsoft Office, Python, SQL, R, SAP, Tableau, draw.io

Finance Skills: Financial Modeling, Forecasting, Budgeting, Financial Reporting, Accounting & Bookkeeping, Valuation (DCF & Multiples), KPI Reporting & Scenario Planning, US GAAP, IFRS

Languages

Russian Native ●●●●●   English Proficient (C1) ●●●●●   German Proficient (C1) ●●●●●

Education

University of Applied Sciences Brandenburg
Brandenburg, Germany

Master of Science in Business Administration │ GPA: **2.1** / 1.0
09/2022 - 02/2025

- Relevant Coursework: Corporate Finance, Corporate Valuation and Financial Modelling, IFRS, Applied Econometrics, Strategic Management & Marketing.
- Master Thesis: "How AI Learns from Social Media Data to Influence Consumer Behavior."

Lomonosov Moscow State University
Moscow, Russia

Bachelor's degree in Economics | Diploma with Honors │ GPA: **4.75** / 5.0
09/2017 - 06/2021

- Relevant Coursework: Time-Series Analysis, Econometrics, World Economy, Finance and Credit, Accounting.
- Bachelor Thesis: "Predictability of American Companies' Shares Expected Profit"

Project Experience

Fundamental Valuation of Schlumberger (SLB)

https://github.com/arsentag/SLB_Valuation
2025

- Built a full 3-statement financial model for Schlumberger (SLB), including Income Statement, Balance Sheet, and Cash Flow forecasts for FY2025–FY2029.
- Conducted a Discounted Cash Flow (DCF) analysis using scenario-based assumptions, unlevered free cash flow modeling, and terminal value via the perpetuity growth method.
- Developed a Comparable Company Analysis (Comps Model) using peer benchmarking (EV/Revenue, EV/EBITDA, P/E) across Halliburton, Baker Hughes, Weatherford, Tenaris, and NOV.
- Delivered a 14-page investment report with Harvard-style sourcing, scenario analysis, valuation triangulation, and a final Buy recommendation.

Fundamental Valuation of Saudi Aramco (2222.SR)

https://github.com/arsentag/Saudi_Aramco_Valuation
2025

- Built a fully integrated 3-statement financial model (Income Statement, Balance Sheet, Cash Flow) from 2022 to 2029 using audited financial reports from Saudi Aramco.
- Conducted a detailed Discounted Cash Flow (DCF) analysis, including terminal value calculation (perpetuity growth method), scenario testing (Optimistic, Base, Conservative), and WACC estimation from scratch using market-based inputs.
- Designed a full Comparable Companies Analysis (Comps Model) using valuation multiples (EV/EBITDA, EV/Revenue, P/E) across 8 global integrated oil majors (e.g., ExxonMobil, Shell, CNPC, Petrobras).
- Performed sensitivity analysis on terminal growth and WACC; visualized impact on enterprise value and equity per share.

Project Experience

Crude Oil Price and Production Forecasting for Strategic Planning
https://github.com/arsentag/Crude-Oil-Price-and-Production-Forecasting   2025

- Developed a full-cycle time series forecasting project using R to analyze and project WTI crude oil prices and U.S. crude oil production volumes.
- Built an interactive Shiny dashboard to visualize forecasts and historical trends, allowing dynamic scenario exploration.
- Produced a comprehensive, portfolio-ready report demonstrating practical forecasting applications in the oil & gas domain.

Credit Risk Assessment of 5 GCC-Based Public Companies
https://github.com/arsentag/Credit_Risk_Assessment_GCC   2025

- Conducted full credit risk evaluation across Emaar, SABIC, STC, Emirates NBD, and Ooredoo
- Built a financial ratio-based scoring model and qualitative assessment framework to produce internal risk ratings
- Analyzed liquidity, leverage, profitability, efficiency, and macro-sector exposures for each company
- Developed strategic lending recommendations and risk mitigation structures tailored to each corporate entity
- Produced a professional report replicating real-world credit analyst work for investment and lending decisions

Retail Credit Scoring Model - Predicting Loan Defaults
https://github.com/arsentag/Retail_Credit_Scoring_Model   2025

- Built an automated credit-scoring model using real consumer lending data to predict Probability of Default
- Applied data cleaning, feature engineering, and class imbalance handling
- Trained and evaluated Logistic Regression and Random Forest models; achieved strong AUC-ROC scores
- Segmented applicants into five risk bands (A-E) enabling data-driven lending decisions
- Delivered full visual report with interpreted charts and business risk strategy recommendations

UrbanTel Support Workflow Optimization
https://github.com/arsentag/UrbanTel_Support_Optimization   2025

- Led a business process improvement project for a simulated telecom company to optimize customer support ticket handling, targeting a 40% reduction in resolution time and 50% decrease in escalations
- Conducted stakeholder analysis, mapped AS-IS and TO-BE workflows using draw.io, and prepared a Business Report with functional and non-functional specifications
- Designed KPI framework tracking resolution time, Customer Satisfaction (CSAT), Service-Level Agreement (SLA) compliance, and ticket routing accuracy
- Delivered a comprehensive solution recommendation including smart ticket triage, SLA automation, chatbot handling of tier-1 issues, and dashboard reporting
- Prepared executive-style documentation and presentation showcasing business impact

World Bank Data Project
https://github.com/arsentag/SQL-and-Tableau-Project-using-World-Bank-API   2024

- Gathered and preprocessed Data from World Bank API using Python.
- Performed an in-depth analysis of World Bank data to explore economic, demographic, and sustainability trends across various countries and regions.
- Created Entity-Relationship Diagram (ERD) to illustrate relationships between the tables.

Certifications

IELTS — English language test - C1 (June 2021)

Telc — German language test - C1 (June 2022)

Udemy — Accounting & Bookkeeping Masterclass (August 2025)

Udemy — Mastering US GAAP: A Guide to Financial Reporting Standards (August 2025)

Udemy — SAP FICO (Finance & Controlling) Simplified for Beginners (September 2025)

University of Illinois Urbana-Champaign (Coursera) — Financial Analysis - Skills for Success Specialization (March 2025)

Udemy — Microsoft Excel: Advanced Excel Formulas & Functions (February 2025)

IBM (Coursera) — Data Analyst Specialization (August 2024)

The State University of New York (Coursera) — Practical Time Series Analysis (November 2024)

University of California, Davis (Coursera) — Learn SQL Basics for Data Science Specialization (September 2024)

University of California, Davis (Coursera) — Data Visualization with Tableau Specialization (November 2024)

New York Jobs CEO Council (Forage) — Financial Analyst Job Simulation (July 2025)