ChiSquare Group The Recruitment Specialists









MICROECONOMICS

Microeconomics is a branch of economics that focuses on the behaviour of individuals and firms in the market economy. It examines how people make choices about what goods and services to buy, how much to work and save, and how firms decide what to produce and how much to charge for their products. It also explores the workings of different types of markets, such as competitive markets, monopolies, and oligopolies, and how prices and quantities are determined in these markets. Microeconomics is concerned with understanding how individual decisions and market interactions affect the allocation of scarce resources and the distribution of income and wealth.

CLIENTS AND FOCUS

Our clients in the microeconomics space typically include economics consultancies, regulators & authorities, and organisations which employ in-house economists such as law firms and tech companies.

The key areas and skill focuses for us and our clients are:

ANTITRUST & COMPETITION ECONOMICS

- Mergers & Acquisitions
- Litigation and Damages
- International Arbitration
- Market Investigations
- Abuse of Dominance
- Horizontal & Vertical Agreements
- State Aid

PUBLIC POLICY

- Economic Appraisal and Evaluation
- Policy Design

Particular sector focuses are:

Aviation, Energy, Transport, Telecoms, Media & Post, Healthcare, Water, Financial Services, Retail, Sports

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REGULATORY ECONOMICS

- Regulatory Strategy
- Regulatory Finance
- Efficiency Benchmarking
- Price Controls
- Regulatory Framework Design

ECONOMETRICS

OUR NETWORK

Our network is always expanding, and to date we have placed economists in the following countries:

Argentina

- Canada
- Finland
- Japan
- Morocco
- New Zealand
- Poland
- Portugal
- South Africa
- Switzerland
- Thailand
- United Kingdom
- France

 Holland Belgium

• Spain

• Germany

- - Italy
 - United States
 - Denmark
 - Saudia Arabia
 - Sweden

 - Singapore
 - Australia

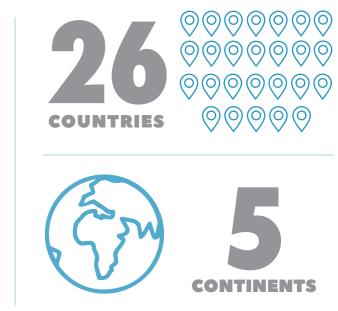
- Hong Kong
- United Arab Emirates

ANDREW RONEY - SENIOR CONSULTANT +44 (0) 7908 524596 | aroney@chisquare-econ.com



SOPHIA GELIBTER - CONSULTANT +44 (0) 7787137055 | sgelibter@chisquare-econ.com





CONTACT US

JONATHAN SPELLER – DIRECTOR +44 (0) 7940 464440 | jspeller@chisquare-econ.com

GEORGINA LINE - SENIOR CONSULTANT

+44 (0) 7805592452 | gline@chisquare-econ.com



KLAUDIA BARADAT - CONSULTANT +44 (0) 7477 244170 | kbaradat@chisquare-econ.com

MACROECONOMICS

Macroeconomics, on the other hand, is concerned with the overall performance of the entire economy. It examines the big-picture factors that influence the level of economic activity, such as inflation, unemployment, economic growth, and international trade. Macroeconomists study the aggregate behaviour of households, businesses, and governments, as well as the interactions between these groups. They use models to explain how changes in interest rates, government spending, and taxation affect the economy as a whole. Macroeconomics is also concerned with understanding the causes of business cycles, which are the ups and downs of economic activity that occur over time.

CLIENTS AND FOCUS

Our clients in the macroeconomics space typically include investment banks, retail banks, hedge funds, consultancies, think tanks, and other financial institutions. Some core areas of focus for us and our clients are:

- Country & Continent specific macroeconomic Investment Strategy forecasting
- Commodity Analysis
- Trading
- Equity Strategy

- Macro Quantitative Analytics
- Econometric Modelling
- Multi-Asset Portfolio Management
- Risk Management

LOCATIONS

We have an extensive macroeconomics network across UK, Europe, Australia, Asia and North America.

CONTACT US

MARNIE PILI – CONSULTANT +44 (0) 7861 492543 I mpili@chisquare-econ.com







WE DON'T JUST INTRODUCE TOP TALENT, WE HELP YOU GROW

GET IN TOUCH TO EXPLORE YOUR OPPORTUNITIES

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ECONOMICS & ANALYTICS UNITED STATES

The overlap between economics and analytics arises from the complementary nature of these two fields and the increasing importance of data-driven decisionmaking in various aspects of economic analysis.

The increase in roles which combine economics and analytics skillsets, is a response to the growing need for data-driven insights. There is also the recognition that analytics tools enhance the ability to understand, model, and predict economic phenomena. The combination of economic theories with analytical techniques allows for a more comprehensive and accurate understanding of economic systems and behaviors.

ECONOMICS

Economics is the social science that studies how individuals, businesses, governments, and societies allocate scarce resources to satisfy unlimited wants and needs. It can be broadly categorized into two main branches: microeconomics and macroeconomics.

DATA SCIENCE, DATA ENGINEERING & AI

Data Science involves extracting insights from data, Data Engineering focuses on the practical aspects of managing and processing data, and Artificial Intelligence encompasses the development of intelligent systems capable of tasks that typically require human intelligence. These fields often overlap and complement each other, contributing to the broader field of data-driven decision-making and technological advancements.

ECONOMETRICS & ANALYTICS

Roles that encompass econometrics and analytics often require a combination of statistical and analytical skills to derive insights from data, particularly in the context of economic and financial data.

Normally a solid foundation in econometrics, statistical analysis, and data analytics, along with domain-specific knowledge in economics or finance is usually required. Professionals in these positions contribute to evidence-based decision-making in various sectors, including finance, government, and business.

Recruitment Specialist

CLIENTS AND FOCUS

Our clientele spans across the United States. We work with a range of companies including startups, international consultancies, as well as boutique firms. We help our clients grow by establishing leadership from ground up.

• ETL

• IoT

• NLP

THE KEY AREAS AND SKILL FOCUSES FOR US AND OUR CLIENTS ARE:

- Antitrust & Competiton
- Computer Vision
- Data Lakes
- Data Pipelines
- Data Warehouse
- Deep Learning
- Econometrics
- Environmental

TYPICAL ROLES WE RECRUIT FOR INCLUDE:

- Data Engineer
- Data Scientist
- Econometrician
- Economist
- Financial Analyst
- Macroeconomist
- Head of Analytics

CONTACT US

DEMETRIOUS VASSILIOU - DIRECTOR +44 (0) 7506115453 | dvassiliou@chisguare-analytics.com

> **GEORGINA LINE – SENIOR CONSULTANT** +44 (0) 7805592452 | gline@chisguare-econ.com

GRACE PROVENZANO - CONSULTANT +44 (0) 7546612432 | gprovenzano@chisquare-group.com

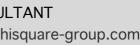
Machine Learning

• Predictive Analytics Public Policy Regulatory Economics

• Head of Data Science • Head of Economics Machine Learning Engineer • Quantative Analyst











DATA SCIENCE & AI

Data science is a multi-disciplinary field that uses scientific methods, statistics, algorithms and systems to extract insights from structured and unstructured data.

It is a "concept to unify statistics, data analysis, machine learning and their related methods" in order to "understand and analyze actual phenomena" with data.

CLIENTS AND FOCUS

A major client focus for us have been early stage start-ups and fast-growing tech companies, although we also have very strong relationships with some European-wide consultancies, banks and energy companies.

Key skills that our clients look for are:

- MACHINE LEARNING: Regression; Classification; Clustering etc
- NLP: NLTK; Word2vec; coreNLP; TextBlob etc
- DEEP LEARNING: Artificial Neural Nets; Deep Learning Nets; Automation Speech; Convolutional neural network etc
- COMPUTER VISION: Image Classification; Object Detection; Object Tracking; Semantic Segmentation etc
- IoT
- **PREDICTIVE ANALYTICS:** Bayesian statistics; Hypothesis testing; Propensity Modelling etc

















CONTACT US

DEMETRIOUS VASSILIOU - DIRECTOR +44 (0) 7506115453 | dvassiliou@chisquare-analytics.com



TECHNOLOGY STACKS

DATA SCIENCE & AI

Python (Numpy, Scipy, Pandas, Scikit-Learn, Tensorflow, PyTorch, Keras etc), R (MICE, rpart, PARTY CARET etc)

> ANALYTICS R, Python, SAS, SPSS Matlab

ENGINEERING Java, C++, C, Spark, Scala, Docker

> CLOUD GCP, AWS, Azzure



DATA ENGINEERING

Data Engineers are the data professionals who prepare the "big data" infrastructure to be analysed by Data Scientists.

They are software engineers who design, build, integrate data from various resources, and manage big data.

CLIENTS AND FOCUS

A major client focus for us have been early stage start-ups and fast-growing tech companies, although we also have very strong relationships with some European-wide consultancies, banks and energy companies.

Key skills that our clients look for are:

- Data Pipelines
- Data Lakes
- Data Warehouse
- Data Engineering
- ETL
- Architecture
- Development
- Cloud

LOCATIONS

Our core markets are the UK and continental Europe, although we are continually being approached by clients in new regions; Australia and the US for example.

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Scala







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DEMETRIOUS VASSILIOU - DIRECTOR +44 (0) 7506115453 | dvassiliou@chisquare-analytics.com

DATA **ENGINEERING** TOOLS

DATA ENGINEERING Python, Scala, SQL

BIG DATA Hive, Hadoop, Kafta, Spark

> CLOUD AWS, GCP, Azure

RELATIONAL DATABASE MANAGEMENT SYSTEMS (RDMS) SQL Server, PostgreSQL, Oracle, MySQL, NoSQL





BUSINESS INTELLIGENCE

Business intelligence (BI) represents the tools and systems that play a key part in the strategic planning process within a business. These BI systems allow a company to gather, store, access and analyse corporate data to aid in decision-making.

CLIENTS AND FOCUS

We have several key accounts within our BI team, and the past few years have seen us partner up with start-ups, small to medium enterprises, and larger cooperate organisations across the UK and Europe.

TYPICAL ROLES WE RECRUIT FOR ARE:

- Business Intelligence Developer
- SQL Developer
- BI Analyst
- BI Engineer
- Head of BI
- BI Manager

- Insight Analyst
- Database Developer
- Data Warehouse Developer
- ETL Developers
- BI Consultant

LOCATIONS

We have a strong focus in the UK, Europe and the US within our BI team.

CONTACT US

DEMETRIOUS VASSILIOU - DIRECTOR +44 (0) 7506115453 | dvassiliou@chisquare-analytics.com

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SOLServer

Analysis Services





Azure

Power Bl

TECHNOLOGY STACKS

CLOUD AWS, GCP, Azure

RELATIONAL DATABASE MANAGEMENT SYSTEMS (RDMS) SQL Server, PostgreSQL, Oracle, MySQL, NoSQL

BUSINESS INTELLIGENCE REPORTING TOOLS: SQL Server Reporting Services (SSRS), Power BI, Tableau, Qlik, QlikView, Looker, Board

BUSINESS INTELLIGENCE EXTRACT TRANSFORM LOAD (ETL) & DATA WAREHOUSING TOOLS SQL Server Integration Services (SSIS), Amazon Redshift, Google's Big Query, Azure Data Warehouse, SKYVIA, Oracle Data

> Warehouse, Ab Initio OTHER BUSINESS INTELLIGENCE TOOLS SQL Server Analysis Services (SSAS),

MDX, DAX

PROGRAMMING LANGUAGE SQL, T-SQL, PL/SQL, Python, R, PL/pgSQL



DEVOPS

DevOps is a mixture of Development and Operations, seen by many as a culture, movement or practice which enables software engineers and operations to communicate together efficiently. In essence, DevOps can be seen as a cross functional working method allowing a collaborative workflow through technology teams.

CLIENTS AND FOCUS

Over the past few years our clients have been a mixture of early stage start- ups, medium size companies and larger corporate organisations across the UK and Europe. Fortunately, DevOps has a place in any organisation, which incorporates technology and that allows us to keep our focus widely open.

TYPICAL ROLES WE RECRUIT FOR ARE:

- DevOps
- SRE
- Platform Engineer
- Cloud Engineer
- Systems Engineer
- Infrastructure Engineer

INDUSTRY FOCUSES:

- LawTech
- EdTech
- FinTech
- E-Commerce
- Al Commerce
- Gaming

LOCATIONS

Our core markets are the UK, Europe and North America, however we are continually being approached by clients in regions including Australia and Asia.

CONTACT US

amazon

Terraform

Jenkins

kubernetes

🖊 Azure

Google Cloud Platform

puppet

openstack.

DEMETRIOUS VASSILIOU - DIRECTOR

+44 (0) 7506115453 | dvassiliou@chisquare-analytics.com





SOFTWARE TOOLS

CLOUD AWS, GCP, Azure, Openstack

> CI/CD Jenkins, Gitlab, Bamboo

> > CONTAINERS Docker, Kubernetes

CONFIGURATION/AUTOMATION TOOLS Terraform, Ansible, Puppet, Chef, Saltstack

> OPERATING SYSTEMS Linux, Windows

PROGRAMMING LANGUAGE

Go Lang, Python, Java, Node JS, PHP, Ruby







ANSIBLE

- DIRECTOR chisquare-analytics.com



FULL STACK ENGINEERING FRONT END & BACK END

A Full Stack Engineer has expertise in the world of web, application and software development, working both client-side and server side. The role involves working with databases, servers, systems engineering, and clients. As a result they are able to work on on all parts of an application, including front end code, the back end code, as well as infrastructure.

CLIENTS AND FOCUS

Our clients range from early stage start-ups and fast-growing tech companies, through to international consultancies, banks and energy companies.

TYPICAL ROLES WE RECRUIT FOR ARE:

- Full Stack Engineer
- Front End Engineer
- Back End Engineer
- Software Engineer

LOCATIONS

Our core markets are the UK, North America and continental Europe. However, we are continually being approached by clients in new regions; Australia and Asia.

CONTACT US

DEMETRIOUS VASSILIOU - DIRECTOR +44 (0) 7506115453 | dvassiliou@chisquare-analytics.com











FULL STACK ENGINEERING TOOLS

FRONTEND

React.JS, Vue.JS, React Native, TypeScriptNext.JS, Nuxt.JS, Html, CSS, Redux,

BACKEND

Node.JS, Nest.JS, Express.JS, Python, C#, .Net, Rust, Java, PHP

DATABASES

SQL, NoSQL, PostgreSQL, MongoDB, DynamoDB, Lambda, Redis

PROGRAMMING LANGUAGUES

JavaScript, TypeScript, C++



INFRASTRUCTURE & CLOUD

An infrastructure engineer designs, builds, and maintains the underlying systems supporting an organization's operations. This could include everything from the physical hardware and networks that support a company's computer systems as well as software systems that manage and orchestrate those resources.

A cloud engineer is a specialized type of infrastructure engineer focusing on designing, building, and maintaining cloud computing systems. These systems involve delivering computing resources, such as servers, storage, and databases, over the internet on a pay- per- use basis, rather than having these resources hosted on-premises. These engineers will design, build and maintain the systems that enable companies to use cloud services, they are also responsible for integrating those services with the rest of the organization's IT infrastructure.

CLIENTS AND FOCUS

We work with a wide range of growing clients ranging from start-ups through to fast growing international tech companies.

TYPICAL ROLES WE RECRUIT FOR ARE:

- Cloud Engineer
- Enterprise Architect
- Infrastructure Architect

- Infrastructure Engineer
- Infrastructure Security Engineer

LOCATIONS

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We have a strong focus in the UK, Europe and North America.

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+44 (0) 7506115453 | dvassiliou@chisquare-analytics.com

PRODUCT MANAGER

A Product Manager is responsible for the success of a product. The individual works cross-functionally between those that are responsible for making a product, those who will use it and finally those within the business to ensure the product will meet everyone's needs. A manager will have contact with engineers, customers, external stakeholders and internal teams. This ensures that engineering teams create products customers will use/ like but also achieve business goals.

CLIENTS AND FOCUS

We have a wide range of clients ranging from early stage start-ups and fast growing tech companies. We also work with international consultancies, energy companies and banks.

TYPICAL ROLES WE RECRUIT FOR ARE:

- Product Manager
- Technical Product Manager
- Product Manager
- Lead Product Manager

Our co Americ clients

LOCATIONS

Our core markets are the UK, continental Europe and North America, although we are continually being approached by clients in new regions; Australia and the Asia for example.





Optimizely

SurveyMonkey

CONTACT US

DEMETRIOUS VASSILIOU - DIRECTOR +44 (0) 7506115453 | dvassiliou@chisquare-analytics.com



PRODUCT MANAGER TOOLS

Optimizely SurveyMonkey Trello Asana Jira Firebase Slack Salesforce Swerve LeanPlum Braze Amplitude



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CONSULTING

Recognizing the unique landscapes of the Middle East, North America, UK, and Europe, we leverage our specialized knowledge and global network to match top consulting talent with organizations. Management consulting enhances performance and efficiency through services like strategy development and operational improvement. Consultants collaborate closely with clients on structured projects, offering tailored recommendations based on thorough research. This field attracts top talent, providing rewarding career opportunities for adept problemsolvers and playing a pivotal role in helping organizations achieve strategic objectives.

CLIENTS AND FOCUS

Our specialist consulting team partners with high performing advisory firms to place professionals in the dynamic and fast-growing Middle East region as well as USA and UK. Our team of experienced recruiters is dedicated to finding and attracting the most qualified and talented candidates for our clients' consulting needs.

We work closely with clients and candidates throughout the process, providing guidance and support to ensure a successful match. We are committed to delivering outstanding service and results, and our reputation for excellence in both successbased and executive search arrangements speaks for itself.

OUR PARTICULAR AREAS OF SPECIALISATION ARE:

- Audit & Assurance
- Banking & Financial Services
- Construction
- Consumer Goods
- Cyber Security
- Digital Transformation
- Energy and Utilities
- ERP Technology
- Finacial Risk/Crime
- Hospitality & Tourism
- Human Capital

- Mergers & Acquisiton
- Oil & Gas
- Public Sector
- Real Estate
- Sports
- Strategy & Transformation Change
- Sustainability
- Tax & Litigation
- Telecoms & Media
- Transport & Logisitcs

If you are a consulting professional seeking a new opportunity or an organisation in need of top consulting talent, we are here to help. Contact us to find out more.

OUR NETWORK

Our network is always expanding, and to date we have placed professionals in the following countries:

- Bahrain
- Canada
- Jordan
- Kuwait
- Lebanon
- Oman
- Qatar
- Saudi Arabia
- United Arab Emirates
- United Kingdom
- United States

CONTACT US

MIDDLE EAST

DANIEL DAY - DIRECTOR +44 (0) 7860 354045 I dday@chisquare-group.com





UK & EUROPE

JONATHAN SPELLER - DIRECTOR +44 (0) 7940 464440 | jspeller@chisquare-group.com



NORTH AMERICA







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W | chisquare-group.com

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