

**Function title:**           **Quantitative Risk Model Developer**

**Department :**           Risk Model Development (RMO)

**Company :**               KBC

**Location:**               Prague (within the premises of CSOB bank headquarters)

**Position type:**         Junior

**Employment type:**    Full time

### **About us:**

KBC group is an international bank assurer with activities in Western, Central and Eastern Europe.

The risk management of KBC makes frequent use of quantitative models that measure the financial risks to which the company is exposed, and the capital that is consequently required to cover these risks. Within KBC group Value and Risk Management (WRB), the department of Risk Model Development (RMO) holds responsibility for the central development of such models.

We have recently set up a Central-European hub of our department (5 FTE), located within the premises of ČSOB bank (Prague). As a junior member of this team, you combine quantitative know-how with a healthy amount of pragmatism, in order to develop models that play a key role in independent value and risk management.

### **Responsibilities:**

- Responsibility for developing methods and models to measure group risks of activities and portfolios of financial products in KBC: namely ALM risk (Market risk), credit risk, stress testing, Economic Capital, VaR
- Analyze already existing models in a critical way, in order to modify or improve them where needed
- Programming in Matlab
- Document all model development to the required standard

### **Profile & Education requirements:**

- University degree (possibly Ph.D.) with an economic or mathematical background with focus on financial, econometrics and mathematical theories (e.g., time series, statistics, numerical analysis, stochastic calculus)
- Excellent communication skills in English – written and spoken
- You have programming experience in Matlab and you are willing to learn other programming languages such as C++, SAS and others if needed.
- You are capable of making critical and independent choices, underpin and defend them. At the same time, you have a pragmatic, rather than academic mind-set: you see the relativity of theoretical perfection, and make choices keeping into account tight deadlines and objectives.
- You do not hesitate to build up in-depth knowledge in these areas. You then translate these theoretical concepts into workable and implementable models. Together with the colleagues responsible for process development, you make sure that these models end up in the day-to-day risk management practice.
- Experience in the financial or insurance world is an asset, but not a requirement. Likewise, experience with valuation of financial products is considered an asset, but also no must.

**In case of your interest please send your CV to:**

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Head of risk modelling team in Prague hub