

AXA Global Graduate Program 2016

Actuary – Quant – Position description

Start date: September 2016
Department: Actuarial Protection Department
Job title: Actuary – Quant
Grade: 5
Location: Nanterre Prefecture (Next to Paris)

To apply for this role please send your CV and cover letter in English with this link: marianne.lestavel@axa.fr

Position Summary

A structured graduate program which will enable you to develop the skills necessary to become a future leader.

On the AXA Global Graduate Program 2016, AXA France is seeking an Actuary Quant who will have strong inter-personal skills allowing him/her to evolve in a highly exposed and international environment.

Deadline for applications: 29th February 2016

For further information on the AXA Global Graduate Program 2016: www.axa.com/en/careers/global-graduate-program/

Actuarial Protection Department

The mission of the Actuarial Protection Department is to manage the actuarial commitments of AXA France in both the short- and long-term. The department is in charge of:

- Determining reserves and technical and financial margins during scheduled account reviews;
- Analysing the impact of regulatory and financial risks, and studying the impact of customer behaviour on long-term evolution of technical reserves;
- Writing actuarial reports in the new framework of Solvency II;
- Reserving innovative products: Long-term care...

Your responsibilities

The analyst will be responsible for the design, implementation and monitoring of studies and projects based on:

- Managing the technical and financial margins of AXA France Vie (Monitoring accounts, tracking commitments, ...);
- Compliance of information systems (IS) on the personal protection insurance perimeter;
- Contribute to the actuarial reports under the Solvency II framework.

The objectives of the first two responsibilities are the following:

- Optimize internal processes which calculate and analyse the underlying earnings. Reduce delivery times while keeping the same level of accuracy. Automate the detection and correction of anomalies with SAS, and minimize manual intervention.
- Identify the needs induced by environmental changes and implement the necessary changes in process: Innovation of products, IT system modification, Reform of international accounting standards (IFRS), Legal reform, especially Solvency II, ...
- Identify portfolio risks involved (technical, financial, legal, operational).
- Conduct the necessary studies and present innovative solutions in accordance with our technical philosophy.

Educate stakeholders about the risks and constraints related to the management of accounts and ensure that the technical department takes into account our needs and constraints.

The 3rd mission is to contribute to the definition and calibration of the internal model of AXA France.

Nature of the issues

- Ensure that risks are under control, ensure that measures adopted are applied in practice and continuously improve processes and solutions.
- Make decisions concerning IT options after evaluating their short- and long-term impact.
- Propose innovative methods for technical and financial margin analysis and evaluate our actuarial liabilities.

Nature of the responsibilities, level of autonomy and decision-making capacity

- Identify links, establish contacts and develop procedures for the exchange of information with other departments.
- Explain ideas and work to convince people of various backgrounds.
- Anticipate the necessary competencies to be implemented in the future incorporate changes and actively participate in the change.
- Know how to identify areas of risk in the existing process and take appropriate measures to anticipate malfunctions.

Internal and external contacts:

- Internal: Managers and employees of the following departments : Finance (Controlling, Investments, Accounting), Legal, Technical (Protection insurance, catastrophe insurance/reinsurance, etc.), IT (projects / maintenance).
- External: Insurance supervisory authority, auditors, high schools, universities.

Position requirements

Technical Skills:

- Expertise in actuarial and financial statistics. Knowledge of algorithmic optimization techniques is a plus.
- Algorithmic programming, especially in SAS.
- Expertise in the architecture of information systems, products.

Relational skills:

- Explain ideas clearly and share our department's views on technical subjects.
- Coordinate with other department for related projects and tasks.

State of mind:

- A strong ability to work as part of a team.
- A personal tendency to think out of the box.

Challenge Everything for the Better

AXA Global Graduate Program

About AXA

Welcome to AXA. We are a global leader in insurance and asset management. And we are transforming our business so that we can protect people better; thinking and acting far beyond what you would expect from a financial services company.

Present in 59 countries, our 161,000 global employees work to support and help our 103 million customers worldwide, both individuals and businesses, by providing them with solutions to better:

- manage and pass on their personal assets
- prepare for their retirement
- protect their loved ones or businesses
- settle their health expenses
- grow their wealth

Join a leading company whose mission is to protect its clients and whose success is based on solid growth and an ability to adapt and respond to changing customer demands.

About AXA France

AXA France addresses most of lines of business of AXA in France and is #1 in P&C, Health and Protection, SMEs, Enterprises. Turnover is about 20 bn€ and total headcount is about 10000 people. Its distribution network is the largest of the Insurance industry in France.

Since 2012, AXA is engaged in a major action plan to become the company #1 in terms of services, leveraging digital. AXA France is therefore one of the entities which drives the digital transformation within the Group and in this frame acts often as a pilot entity for new innovative projects.