Growing as an Actuary
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About me

Current employer: Aviva

Previous jobs: life insurance, investment banking, actuarial consultancy  http://lnkd.in/djMEUum

Qualified in 2005

Council and Education Committee of IFoA

President of Chinese Actuarial Network UK (CANUK)
About this talk

Actuarial skills
Actuarial career options and challenges
NOT about career or academic advice
Actuarial skills

1. Collect data – data skills
2. Analyse data – analytic skills
3. Predict future – predictive skills
4. Consider relevancy – critical thinking skills
5. Communicate findings – communication skills
How actuaries use these skills
examples in the traditional practice areas

1. Data skills
   • external data: financial market indices/returns, events, competitors, customers
   • internal data: experience

2. Analytic skills
   • calculate trend, variation, extreme events

3. Predictive skills
   • forecast future pattern, extreme events

4. Critical thinking skills
   • emerging risks (upside and downside): proposition, underwriting, distribution, customer services, investments, compliances

5. Communication skills
   • reporting, documentation, presentation
New frontiers: opportunities and challenges
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Renaissance
New frontiers: opportunities and challenges

Now very wide range of stakeholders whom actuaries communicate to:

- Non-actuarial, non-finance functions (asset managers, sales, customer services, auditors)
- Customers (including brokers, distribution partners, etc.)
- Investors (shareholders, bondholders, analysts, etc.)
- Regulators (PRA, FCA, European regulators, global regulators)
- Rating agencies
- Board
Summary

Changing environment

• globalization
• digitalization
• regulation
• competition

Fundamental actuarial skills remain broadly the same

But some significant challenges

• cross-practice knowledge
• commercial awareness
• new technical skills
• new stakeholders
Questions?

Comments?