



Case Study: PRT Actuarial Training Program

Engagement Type: Technical Training – Actuarial Advisory

Practice Area: Pension Risk Transfer (PRT)

Jurisdiction: USA and UK

Objective

A leading U.S. actuarial advisory firm engaged Graeme Group to deliver a specialized PRT training program to strengthen its internal PRT pricing and modeling capabilities across U.S. and U.K. markets. The initiative was designed to build internal capability for the client's actuarial team to price and model PRT globally. This included educating the client's staff on the PRT market and providing them with the building blocks needed to perform PRT quotations.

Project Scope

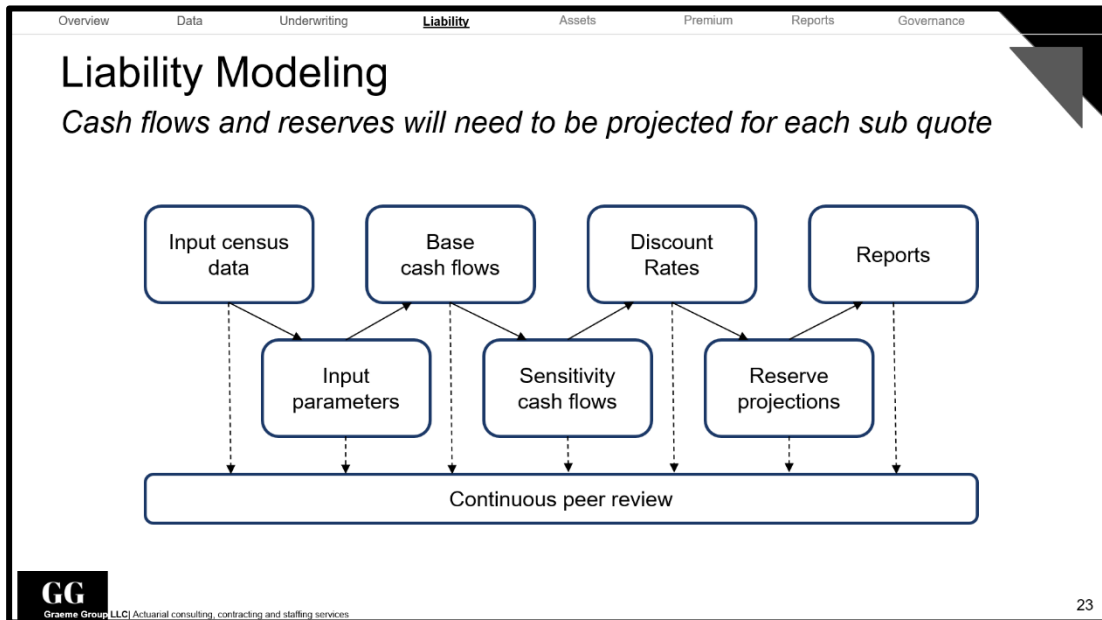
The scope of services comprised specialized training in:

- PRT fundamentals
- Best practice pricing and valuation techniques
- Model validation techniques
- Automation of actuarial workflows
- Reporting efficiency
- Practical applications

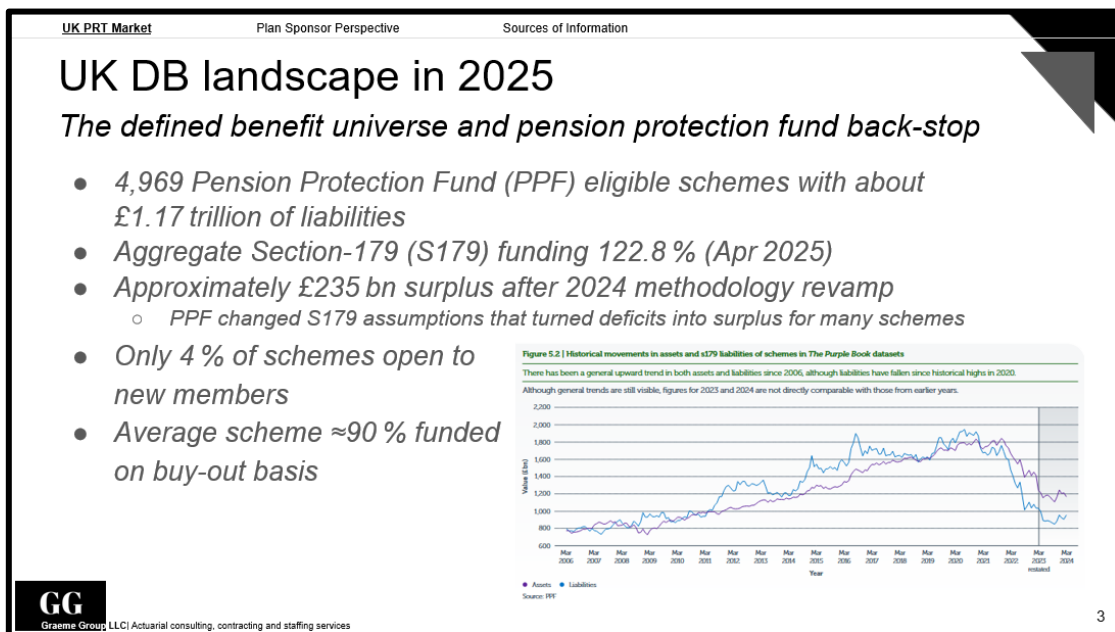
Services Provided

- **Expert-Led Instruction**
Graeme Group provided a specialist training team led by the firm's PRT actuary – a widely respected expert with significant market-facing PRT expertise and over a decade of PRT technical experience. This team managed all training content and ongoing Q&A.
- **Structured Live Curriculum**
Training sessions were organized into a sequenced curriculum spanning actuarial fundamentals of PRT, best practice pricing principles, reserving and capital management, process efficiencies, reporting automation, and practical applications of PRT. The training was provided over an 8-week period.
- **Technical Deliverables**
Graeme Group produced nine session-specific slide decks, accompanied by

practical examples, reference reading, training manuals, and mock-up examples. All instructional materials were structured to enable knowledge retention after the



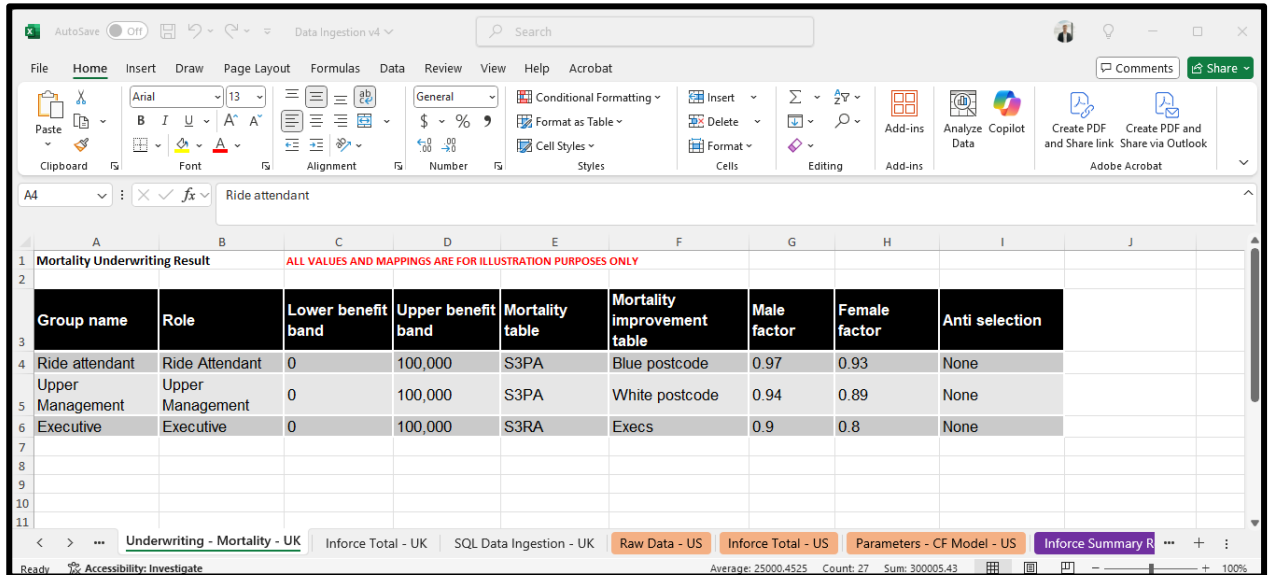
training sessions were complete. All sessions were recorded for internal reuse and provided to the client. Ongoing Q&A access was provided throughout the training.
Excerpt 1: Session on PRT pricing, conveying targeted aspects of PRT liability modeling required for quotation purposes



Excerpt 2: Session on PRT Market Overview, which showed the reasons the UK PRT market is accelerating and explained plan sponsor motivations

- **Ongoing Support**

Graeme Group provided continuous support throughout the training engagement, including Q&A access, follow-up clarifications, and guidance on applying the materials to live client scenarios.



Group name	Role	Lower benefit band	Upper benefit band	Mortality table	Mortality improvement table	Male factor	Female factor	Anti selection
Ride attendant	Ride Attendant	0	100,000	S3PA	Blue postcode	0.97	0.93	None
Upper Management	Upper Management	0	100,000	S3PA	White postcode	0.94	0.89	None
Executive	Executive	0	100,000	S3RA	Execs	0.9	0.8	None

Excerpt 3: Mock-up practical example on PRT pricing and data ingestion

All work was conducted in accordance with the Actuarial Standards Board, industry best practices, and Graeme Group professionalism standards.

Outcome

- **Strategic Support:** Trained the client to execute on their PRT mandates.
- **Knowledge Retention:** Developed a reusable curriculum for future use.
- **Talent Development:** Enhanced staff technical depth and market credibility.
- **Institutional Memory:** Delivered lasting assets including recordings, templates, and manuals.

The client's primary objective was to build a scalable, globally aligned capability that enhances commercial readiness in the PRT space. **By equipping the client with expert-led education materials and live training sessions, Graeme Group helped them confidently pursue this mandate.**