# Ravindra Siwach

Senior Actuary,
Data Scientist and
Product Owner

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 GitHub profile

in LinkedIn profile

## Skills ————————

### P&C Insurance and Pricing

Technical Pricing    Leakage Analysis

Competitive Benchmarking

Telematics    Churn

Lapse/Retention    Renewal Pricing

Optimization    Solvency II

IFRS 17

### Pricing tools

Emblem    Classifier    Radar

### Programming

Python    R    SQL    SAS    git

Docker    CI - Jenkins

### Project Management

Agile    Scrum    Kanban

### Soft Skills

☁ Focus on goals

🖼 Attention to detail

📣 Collaboration and team work

## About Me

The giant panda is a terrestrial animal and primarily spends its life roaming and feeding in the bamboo forests of the Qinling Mountains and in the hilly province of Sichuan.

## Work Experience

**Oct 2018 – Present**

**Senior Actuary and Product Owner**     AXA (Cologne, Germany)
Agile Scrum/Kanban Product Owner for Pricing Transformation, Portfolio Monitoring and Analytics projects leading a team of Actuaries and Data Scientists.

**Apr 2018 – Sep 2018**

**Senior Consultant**     Deloitte (Cologne, Germany)
P&C Pricing, Reserving, Solvency II, IFRS 17, Process Mining/Process Bionics.

**Apr 2016 – Mar 2018**

**Senior Actuary and Data Scientist**     Generali (Munich, Germany)
P&C Technical and Market Pricing, Portfolio Monitoring, Leakage and Cross-subsidy, Competitor Analysis, Churn/Retention Analysis and Product Development, Data Science and Machine Learning, Project management, Telematics and User based Insurance - Development of Generali's first Telematics motor insurance product offering in Germany.  - Mentoring team members for efficient modelling with Emblem, Classifier, Radar, SAS and R. - Pricing and Portfolio Monitoring guidelines for Generali companies worldwide.

**Sep 2013 – Apr 2016**

**Actuary and Country Manager, Global P&C**     Generali (Trieste, Italy)
P&C Technical and Market Pricing, Portfolio Monitoring, Leakage and Cross-subsidy, Competitor Analysis, Churn/Retention Analysis and Product Development, Data Science and Machine Learning, Project management, Telematics and User based Insurance - Development of Generali's first Telematics motor insurance product offering in Germany.  - Mentoring team members for efficient modelling with Emblem, Classifier, Radar, SAS and R. - Pricing and Portfolio Monitoring guidelines for Generali companies worldwide.

**Feb 2007 – Jun 2009**

**Market Research Analyst**     Evalueserve (Gurgaon, India)
Project Management, Market research and analytics, Business Development.  Employee Performance Award in recognition of performance and team work by the Country Head and COO.

**Oct 2004 – Feb 2007**

**Senior Business Associate**     Vertex (Gurgaon, India)
Training and mentoring new team members. Developing standard operating procedures and quality guidelines for internal processes.

## Education

### Professional

**2011 – 2012**  **Institute and Faculty of Actuaries**     UK
Exams CT1, CT2, CT3, CT7

**2009**  **Society of Actuaries**     USA
Exam P - Probability, Grade 9/10

### Formal

**2013 – 2014**  **Master in Insurance & Risk Management**     MIB School of Management (Trieste, Italy)
Graduated with Honours.  Grade: 8.89/10. Thesis: Solvency II: Non-life business under the new regulatory regime.

**2009 – 2012**  **Bachelors in Statistics and Economics**     EIILM University (Sikkim, India)
First Division

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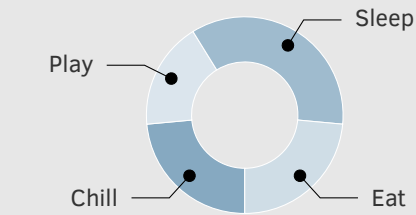Senior Actuary,
Data Scientist and
Product Owner

## Languages

🇮🇳 Haryanavi  ● ● ● ● ●
🇮🇳 Hindi  ● ● ● ● ●
🇬🇧 English  ● ● ● ● ●
🇮🇹 Italian  ● ● ● ● ○
🇩🇪 German  ● ● ● ○ ○
🇮🇳 Punjabi  ● ● ● ○ ○
🇮🇳 Urdu  ● ● ● ○ ○

## Diagrams

Bubble  Diagrams  with  proper
overflow  protection  for  labels



Being a Panda — Eating, Sleeping, Chilling, Rolling, Playing

Wheel Chart



Sleep, Play, Chill, Eat

## Memberships



PandaScience.net
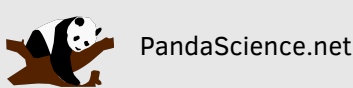
## Publications

| 2010 | **Cooking: 100 recipes for lazy Pandas** |
| | *Me and My Panda Friends* |
| | Panda's Culinary World |
| 2005 | **Pandastasia** |
| | *Still Me* |
| | Bamboo Books Assoc. |

## Awards

| 2010 – now | Panda of the Year | Panda World Forum |
| 2005 – now | Face of World Wide Fund for Nature | WWF |
| 2000 | Winner of Bamboo Sprouts Eating Contest | Bamboo Society |

## Extra-Curricular Activities

| Relaxing | Master the fine art of relaxing everywhere |
| Music | Playing the bamboo flute in the 1st Panda Orchestra |
| Education | Teaching young pandas to be more panda-like |

## section

Subsection

| <dates> | **<cv-item title>** | <location> |
| | <optional: description> | |

## cvitem

Multi-line with longer description

| date | **Description** | location |
| | Some longer and more detailed description, that takes two lines of space instead of only one. | |
| date | **Description** | location |
| | Some longer and more detailed description, that takes two lines of space instead of only one. | |
| date | **Description** | location |
| | Some longer and more detailed description, that takes two lines of space instead of only one. | |

One-line without description

| Award | One-line description | Sponsor |
| Award | One-line description | Sponsor |
| Award | One-line description | Sponsor |

## cvpubitem

| Year | **Publication title** |
| | *Authors* |
| | Journal |
| Year | **Publication title** |
| | *Authors* |
| | Journal |
| Year | **Publication title that is spanning over multiple lines and still does not look too bad** |
| | *Authors* |
| | Journal |