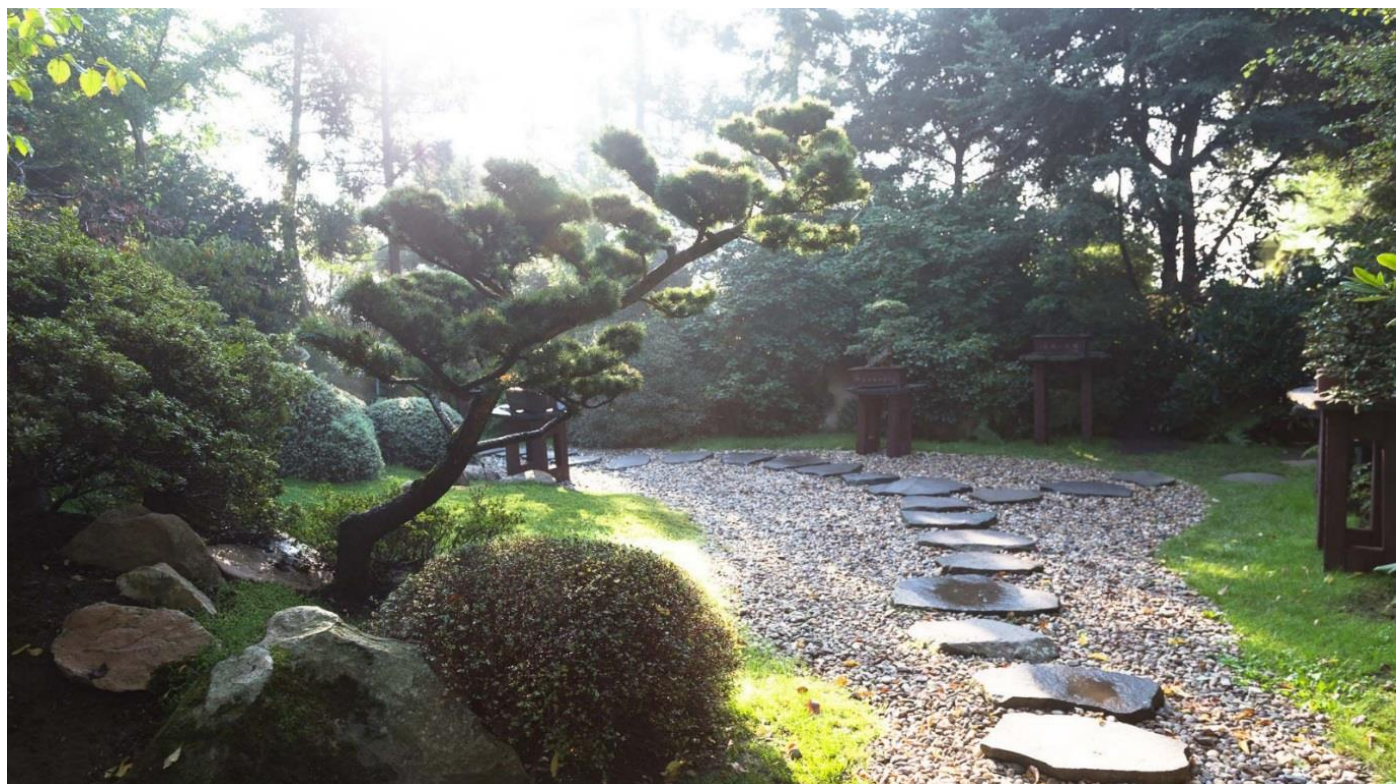


# The world of actuary in the Czech Republic



C R E A T E D   B Y :

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# Mapping of actuaries in the Czech Republic

271 potential candidates approached  
(170 from insurance companies, 23 from BIG 4)  
171 Interviews carried out

# CONTENT OF PRESENTATION

1

Analysis and data summary

2

Candidates interested in contact, sorted by fields

3

Organizational structure of insurance companies

4

Profiles of candidates

# MAPPED AREAS

- Insurance companies department of actuarial in the field of life insurance, non-life insurance, reserves, pricing, risk. A total of 20 insurance companies, 170 profiles.
- Big 4 consulting companies, a total of 23 profiles.
- Graduates of selected fields, beginning of the study: 1990. They work partly in branches outside of insurance , a total of 78 graduates

Charles University Faculty of Mathematics and Physics, Department of Financial and Insurance Mathematics

Charles University Faculty of Mathematics and Physics, Department of Probability, Mathematical Statistics and Econometrics

Masaryk University Brno – Faculty of Science Department of Financial Mathematics

University of Economics in Prague – Faculty of Informatics and Statistics Statistics and Insurance Mathematics

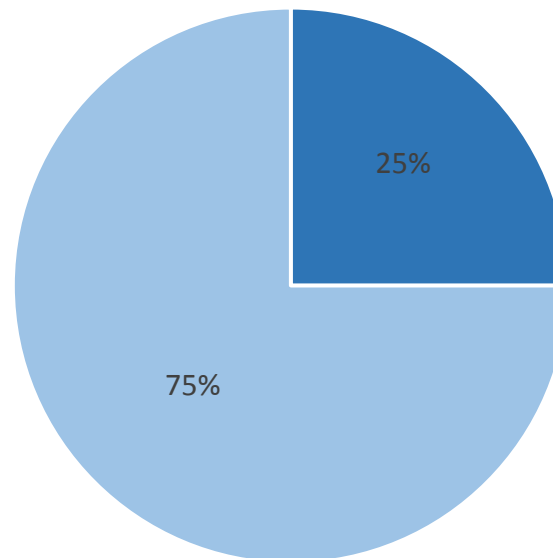
# SUMMARY

- Candidates with an actuarial or related profile are not only present in life and non-life insurance, pricing, reporting, risk, but also in other fields such as data mining, big data, data business analyzes, modeling etc., both for the financial sector and for other sectors such as energy.
- Future members of the actuarial teams will increasingly link classical actuarial mathematics to the field of processing and evaluating a large amount of data owned by the insurance company to streamline product creation and the overall risk adjustment process to the customer.
- Areas where insurance companies can look for actuarial for their teams are following:
- Sectors, where candidates who have graduated in the fields of actuarial, econometrics or statistics, apply in the field of big data, modeling, data and statistical analysis, such as the banking sector, including many types of credit financial services.
- Over 15% of eligible candidates would consider changing under conditions of improved financial performance and career advancement
- About 10% of the interviewed candidates do not focus too much on the financial side of the offer, but its content, greater interconnection with business and methodical management of the team
- For employees outside of the field of actuarial affiliation, here is an attractive link between the field of data analysis, big data with actuarial mathematics and a stronger connection with business.
- The salaries of employees in actuarial departments range from CZK 40-50,000 for analysts, junior actuators range from CZK 50,000, senior actuators from CZK 70,000. For managerial and executive functions over CZK 100,000, about 130,000 CZK in larger insurance companies. Counseling firms have salaries higher than usual for senior positions – above 150,000 CZK

# FUTURE OF ACTUARY

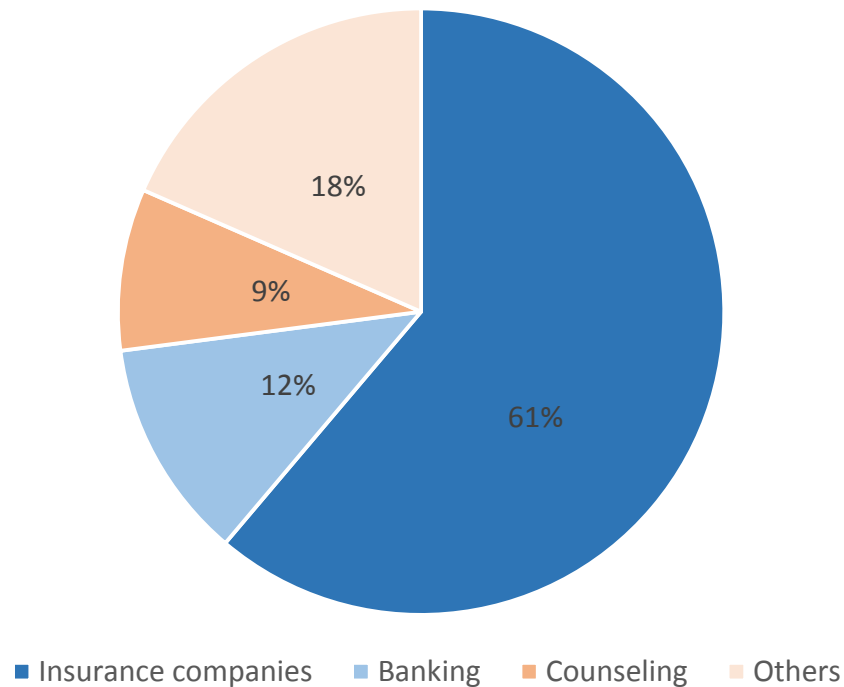
- Best actuaries of the future can link the areas of actuarial, IT and Business Intelligence and the ability to work in agile teams
- The key skill is to interpret important numbers and implement them into a business environment

## HOW DO ACTUARIES WANT TO FURTHER DEVELOP THEIR SKILLS?



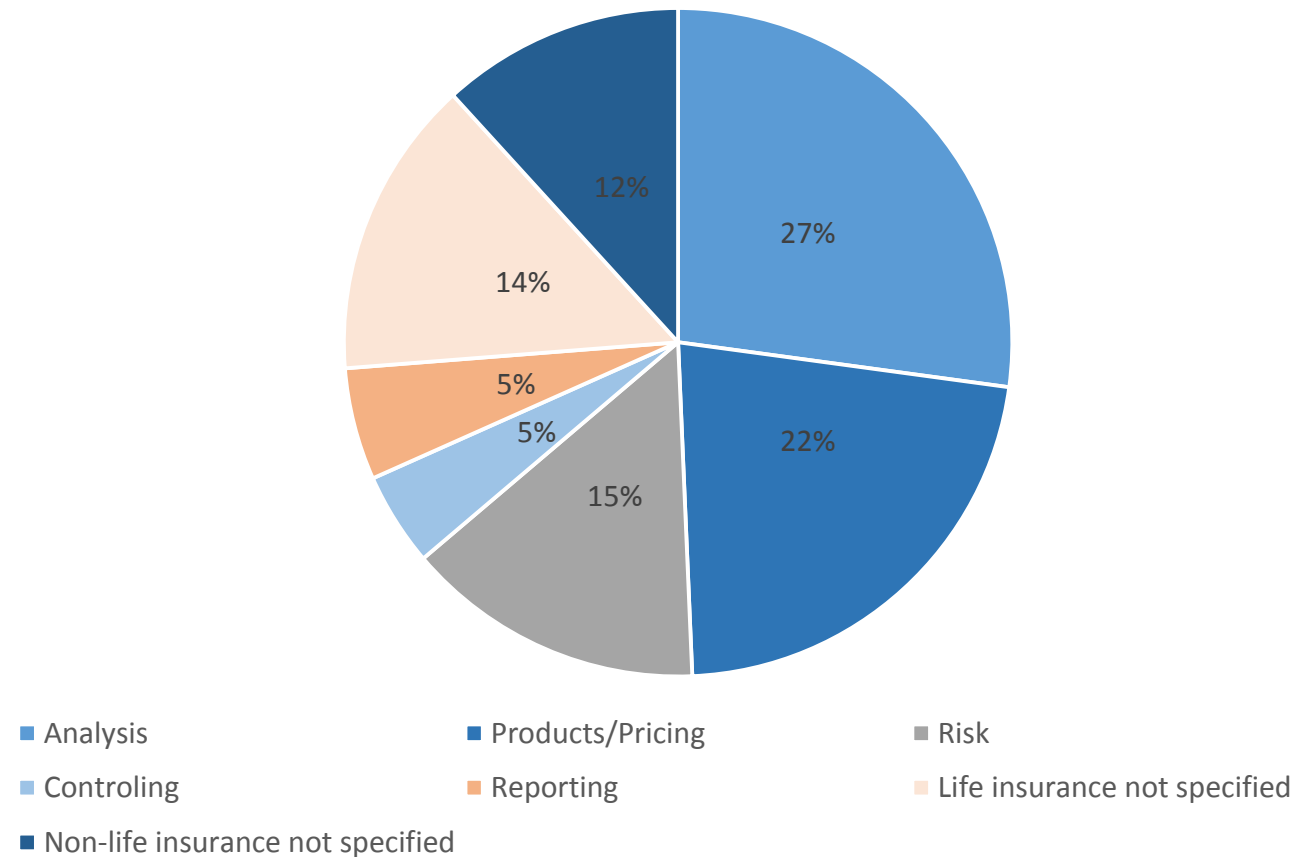
- Wants to develop his/her skills in data analysis, business intelligence, agility
- Wants to stay in the current actuarial role

# IN WHAT FIELDS ARE ACTUARIES TODAY?



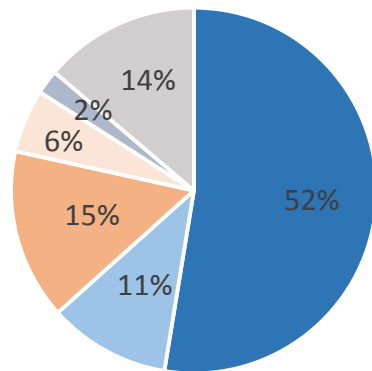
- Older graduates have joined the insurance industry right after finishing their study and have stayed throughout their professional careers. New generations have greater scope for deploying, so they have moved to statistics, data mining, data business analyzes, modeling, etc. for both the financial sector and other industries such as energy, telecommunications, statistical advice, research companies, software companies, betting companies ...
- Candidates motivation to change their professional career back to actuarial field would be possible for some of them who will have a chance to combine their current experience e.g. processing Big Data and the needs of actuarial .

# IN WHICH AREAS YOU FIND ACTUARIES TODAY?





# WHICH UNIVERSITIES HAVE ACTUARIES GRADUATED FROM?



- Charles University Faculty of Mathematics and Physics, Department of Financial and Insurance Mathematics
- Charles University Faculty of Mathematics and Physics, Department of Probability, Mathematical Statistics and Econometrics
- University of Economics in Prague - Faculty of Informatics and Statistics Statistics and Insurance Mathematics
- University of Economics in Prague - Faculty of Finance and Accounting
- Masaryk University Brno - Faculty of Science Department of Financial Mathematics
- Others (Palacky University Olomouc, University of Ostrava, applied mathematics in economics, University of Economics in Bratislava, Czech University of Life Sciences Prague ...)

- Charles University, the Faculty of Financial and Insurance Mathematics, Statistics and Econometrics are the main source of actuaries in the market. Graduates from other faculties apply in the field of actuarial or data analysis.

## What is Anderson Willinger Market Intelligence and how it can help YOU?

We put Data and People into context.

We connect Objectivity with Emotions for better business decision making and your selection of key people.

Our Market Mapping and Business Intelligence are the most suitable in case:

You want to know, who are the best people for You.

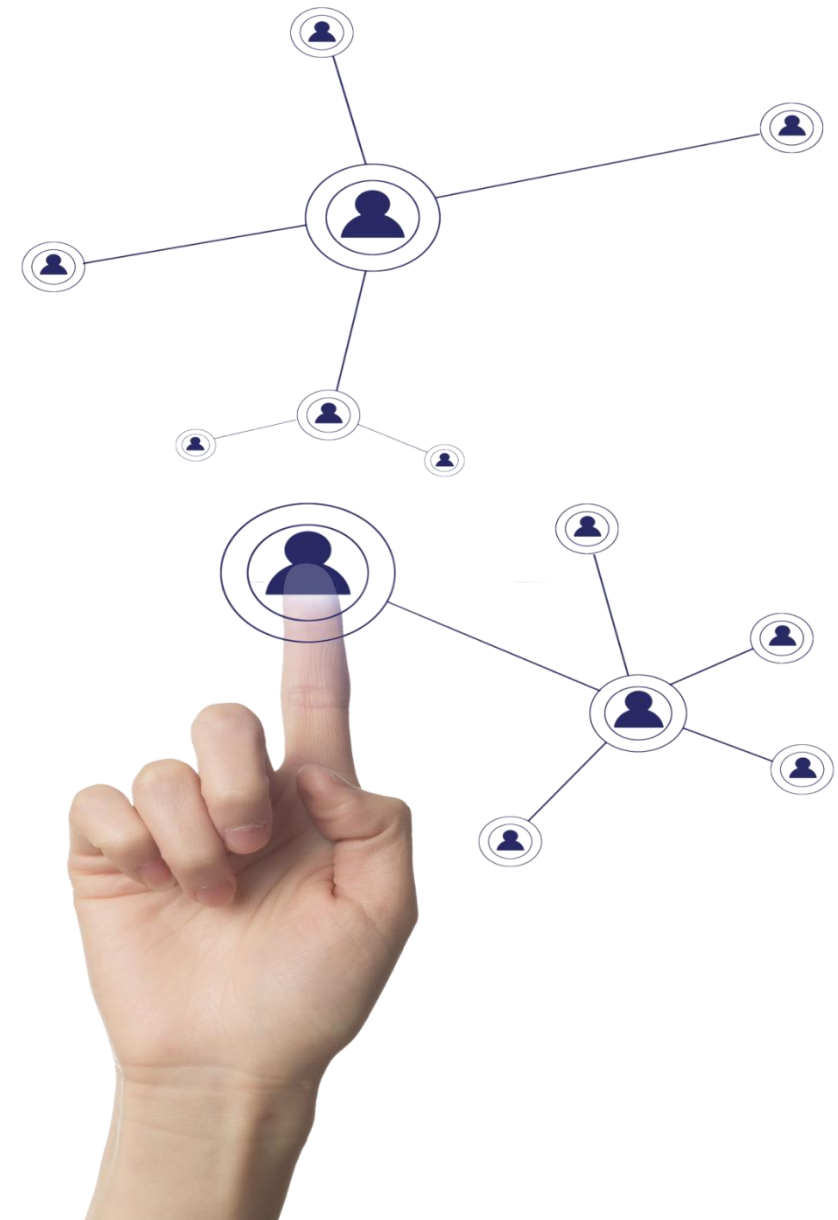
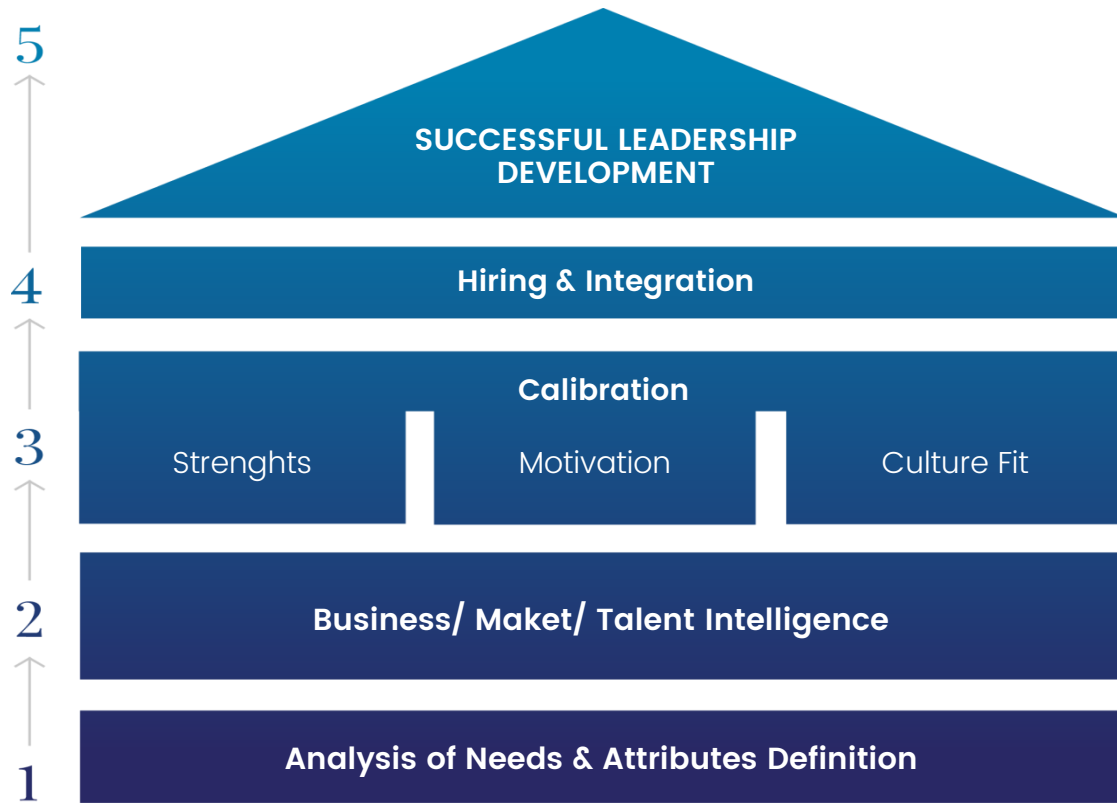
You want to compare your managers against other managers in the market.

You want to make sure you have a managerial reserve, so that you do not have to wait for six months for a new manager. You want to know which results were achieved by whom, how and why.

You want to know who are the top people you should know, hire them now or in the future and what would motivate them to work for your company.

We will be glad to introduce you 10 min DEMO. Contact us: (420) 222 71 84 91, 731 440 080, 731 440 101  
[teisler@andersonwillinger.com](mailto:teisler@andersonwillinger.com), [mlcoch@andersonwillinger.com](mailto:mlcoch@andersonwillinger.com)

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MANAGING PARTNER

20 years in the field of Executive Search in Europe and Asia

## MARTIN MLČOCH

BUSINESS INTELLIGENCE

16 years McKinsey & Company

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Anderson Willinger cooworks with IIC Global Executive Search platform.

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