

Introduction



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Course: Software Testing



www.pragmatic.bg

WIFI connection

Network: Pragmatic Amsterdam

Password: knowledge123

Turn off torrent clients, please!



Tell me something about you?

- ✓ What is your name?
- ✓ What is your highest degree?
- ✓ What is your current position?
- ✓ What is your English level?

Reading materials

<http://learn.pragmatic.bg>

Course: Software Testing - <date>

Username: your email

Password: welcome123

Course Organization

How is the whole course organized?

3 Checkpoints



- Introduction
- Why Testing?
- Bug Reporting
- Test Cases
- SDLC
- Agile/Scrum



- Exploratory Tests
- Domain Testing
- Business Logic
- Model-Based
- Real Application



- Non-Functional
- Web Services
- Mobile Testing
- CI/CD
- Interview

Entry Criteria

Basic computer skills and at least B2 level of English is required.

Any knowledge in discrete math, networks, operating systems, statistics and programming is very welcome.



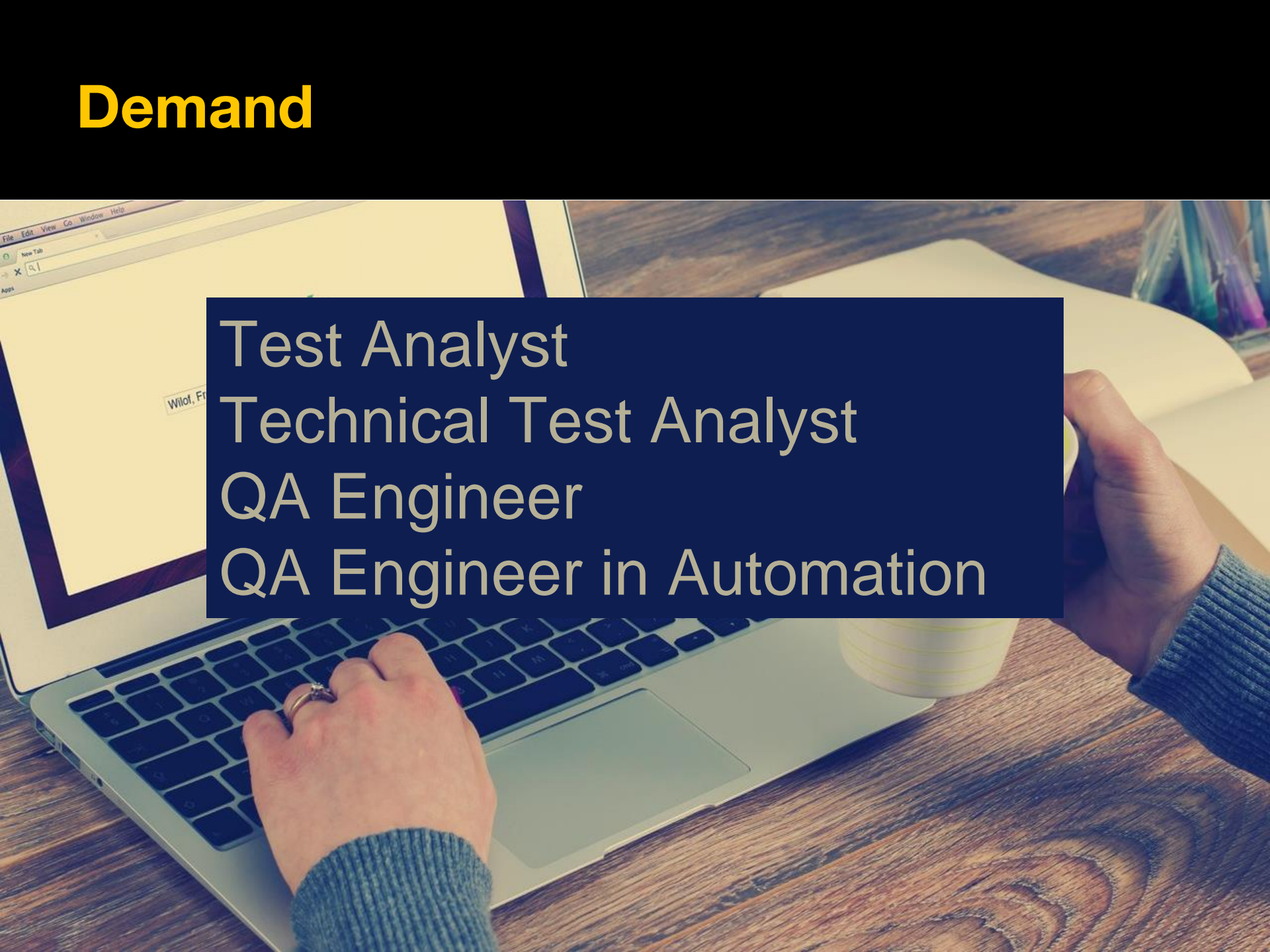
Exit Criteria

- Understand why we test software
- Create exploratory testing charters
- Design and execute tests
- Explain SDLC and frameworks
- Understand different types of testing techniques
- Understand Continuous Integration
- Understand how web services work
- Perfectly describe software bug
- Test simple application alone

Demand and Ratios

How many people get hired and for what?

Demand

A photograph of a person's hands typing on a silver laptop keyboard. The person is wearing a blue ribbed sweater. The laptop is on a wooden desk. In the background, there is a white cup and some colorful pens in a holder. A dark blue rectangular box with white text is overlaid on the right side of the image.

Test Analyst
Technical Test Analyst
QA Engineer
QA Engineer in Automation

Ratios

- 
- A background image of a puzzle with one dark piece missing. The puzzle pieces are white with black outlines, and the missing piece is a dark blue or black color. The puzzle is arranged in a grid-like pattern.
- Microsoft (1 Develop, 1 QA)
 - Good (3 Developers, 1 QA)
 - Common (4,5 Developers, 1 QA)
 - Very Bad (10 Developers, 1 QA)

Software Testing and QA

What is the difference?

Software Testing

Software testing is a process of executing a program or application with the intent of finding the software bugs.



Quality Assurance



Quality Assurance (QA) is a way of preventing mistakes or defects in manufactured products and avoiding problems when delivering solutions or services to customers.

