BUSINESS ANALYSIS
FREE COURSE BOOK

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INTRODUCTION TO BA

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Business analysis is the practice of enabling change in an enterprise by defining needs and recommending solutions that deliver value to stakeholders.

Business analysis enables a company to articulate needs and the rationale for change, and to design and describe solutions that can deliver value.

▶ A Business Analyst evaluates Business Processes or IT Systems with the goal of making improvements to the processes or Systems.

▶ In making improvements in IT Systems, a Business Analysts acts as a middleman between the company and the IT team.

▶ Required in every field and industry.

▶ Different Levels of BA's / Average Salary.

▶ A Business Analyst typically operates within the Business Change Life-Cycle.

£44,093
A Low Permanent
BA salary per year

£54,246
The Average Permanent
BA salary in the UK per year

£73,360
A High Permanent
BA salary per year

£250
A Low BA
contractor's
daily rate

£450
The Average
BA contractor's
daily rate

£700
A High BA
contractor's
daily rate

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SIMPLIFYING BA

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We can compare a Business Analyst to a Bartender

Gathering Requirements
Understanding Business Needs

The Bartender asks the customer what drink they would like.

The customer requests for Gin & Tonic, No Ice, Two Lime Slices

Business Analyst
Playing the Middle Man

The Bartender takes the customer's requirements to the mixologist.

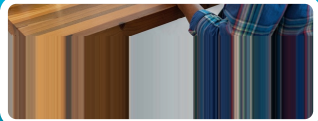The mixologist makes the drink based on customer's requirements

Presenting the Order
Expressing system solution to the IT Team or Expressing process solution to the departments

The Bartender then takes the drink from the mixologist back to the customer.

The Bartender will make sure that the mixologist meets the customer's requirements.

ROLES YOU CAN APPLY FOR

The term 'analysis' is used in many contexts and with regard to several different roles.

Broadly speaking, Business Analysis can be categorised under 3 main headings.

Strategic Analysis and Definition
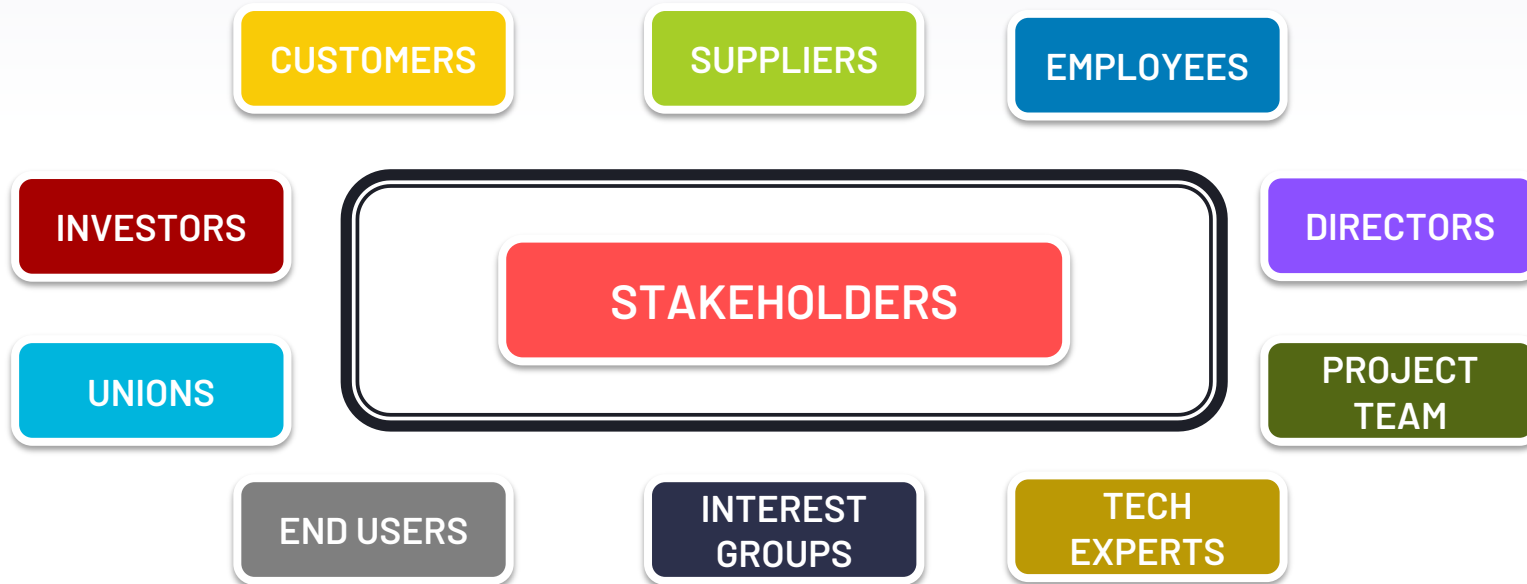
Business Analysis

IT Systems Analysis

- Typically the work of Senior Management

- Often supported by business consultants and often outside the remit of BA's unless working as a consultant

- Mostly BA's support this activity rather than carry out the activity

- Business analysts often have to recommend, design and deploy the tactics that are needed to execute the business objectives and strategy, typically through process and IT Solutions.

▶ Business analysis assignment usually begins with the analyst gaining an understanding of the business situation in hand.

- Get clarity on the problem to be solved
- Read existing documentations, interview stakeholders

▶ In practice it is rare that the entire or actual problem has been identified and it is even less likely that any proposed solution will address all of the issues.

▶ The first step is to clarify the problem to be solved; without this, the analyst may examine the wrong area and identify unhelpful solutions.

▶ Take a holistic view and consider all aspects, including the business processes, software products, job roles and employee skills that are needed to improve the situation successfully.

▶ Business analysis services requires:
- Situation investigation
- Problem definition
- Business process improvement and
- Requirements definition are all required to be delivered to identify the required business changes

▸ Responsible for analysing and specifying the IT system requirements.

▸ Systems analysis work involves the use of techniques such as data, process and event modelling, and requires detailed understanding of non-functional requirements and how they should be specified.

▸ Involves describing Software and Hardware requirements.

A Stakeholder is anyone or anything that has an interest in the project who can either affect or be affected by the project.

These can be individuals, third parties or systems.

CUSTOMERS

SUPPLIERS

EMPLOYEES

INVESTORS

STAKEHOLDERS

DIRECTORS

UNIONS

PROJECT TEAM

END USERS

INTEREST GROUPS

TECH EXPERTS

▸ Requirements are statements of needs.

▸ Requirements are at the very heart of business and IT change.

▸ A requirement is a feature or characteristic that has been requested by a stakeholder and may form part of a solution.

▸ Ultimately, requirements determine what a solution should provide and how well the solution should perform.

▸ We gather requirements everyday, we just don't know it, for example:
- Going to the coffee shop
- Purchasing a car
-Renovating a house

▸ **Functional Requirements:** What we expect the solution to do for us

▸ **Non-Functional Requirements:** Deals with constraints around the solution and how the solution will behave

▸ **Technical Requirements:** Hardware and Software requirements

FUNCTIONAL REQUIREMENTS

WHAT THE SYSTEM SHOULD DO

PRODUCT FEATURES
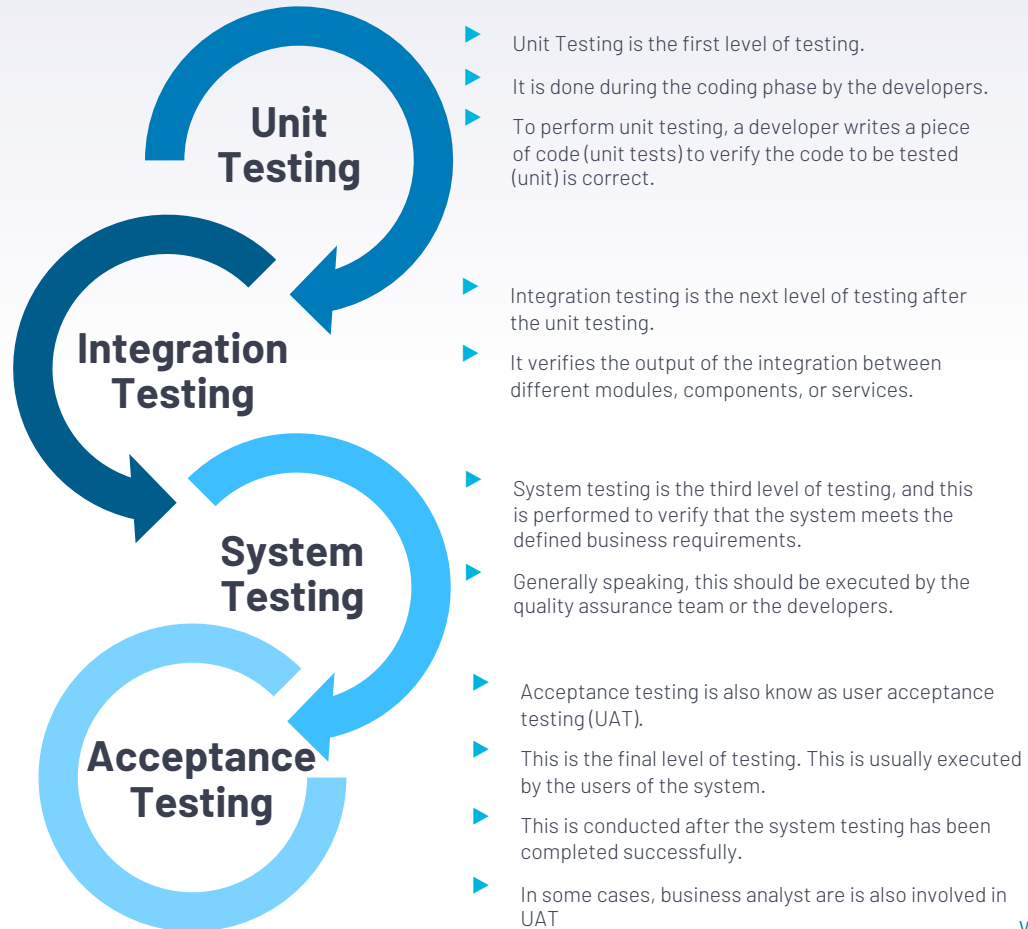
USER REQUIREMENTS

NON-FUNCTIONAL REQUIREMENTS

HOW THE SYSTEM SHOULD DO IT

PRODUCT PROPERTIES

USER EXPECTATIONS

Unit Testing

- Unit Testing is the first level of testing.
- It is done during the coding phase by the developers.
- To perform unit testing, a developer writes a piece of code (unit tests) to verify the code to be tested (unit) is correct.

Integration Testing

- Integration testing is the next level of testing after the unit testing.
- It verifies the output of the integration between different modules, components, or services.

System Testing

- System testing is the third level of testing, and this is performed to verify that the system meets the defined business requirements.
- Generally speaking, this should be executed by the quality assurance team or the developers.

Acceptance Testing

- Acceptance testing is also know as user acceptance testing (UAT).
- This is the final level of testing. This is usually executed by the users of the system.
- This is conducted after the system testing has been completed successfully.
- In some cases, business analyst are is also involved in UAT

OUR BUSINESS ANALYSIS PROGRAMME

We have various packages tailored to suit your needs. We also offer custom packages as required. Our Business Analysis packages includes:

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- 2 DAY WEBINAR
- EXAM PREP

STANDARD SCHOOL
- 2 DAY WEBINAR
- EXAM PREP
- 3-MONTHS INTERNSHIP
  - LIVE PROJECT
  - INTERVIEW PREP
  - CV PREP
  - LINKEDIN OPTIMISATION
  - WEEKLY GROUP SEMINARS

ADVANCED SCHOOL
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- EXAM PREP
- 3-MONTHS INTERNSHIP
  - LIVE PROJECT
  - INTERVIEW PREP
  - CV PREP
  - LINKEDIN OPTIMISATION
  - WEEKLY GROUP SEMINARS
- JOB SEARCH SUPPORT
- 5 WEEKS ON JOB SUPPORT
- BA MATERIALS & TOOLS

SUPER SCHOOL
- 2 DAY WEBINAR
- EXAM PREP
- 3-MONTHS INTERNSHIP
  - LIVE PROJECT
  - INTERVIEW PREP
  - CV PREP
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Please feel free to visit dbschool.co.uk/business-analysis for more information in the meantime