QA | TEACH THE NATION TO CODE
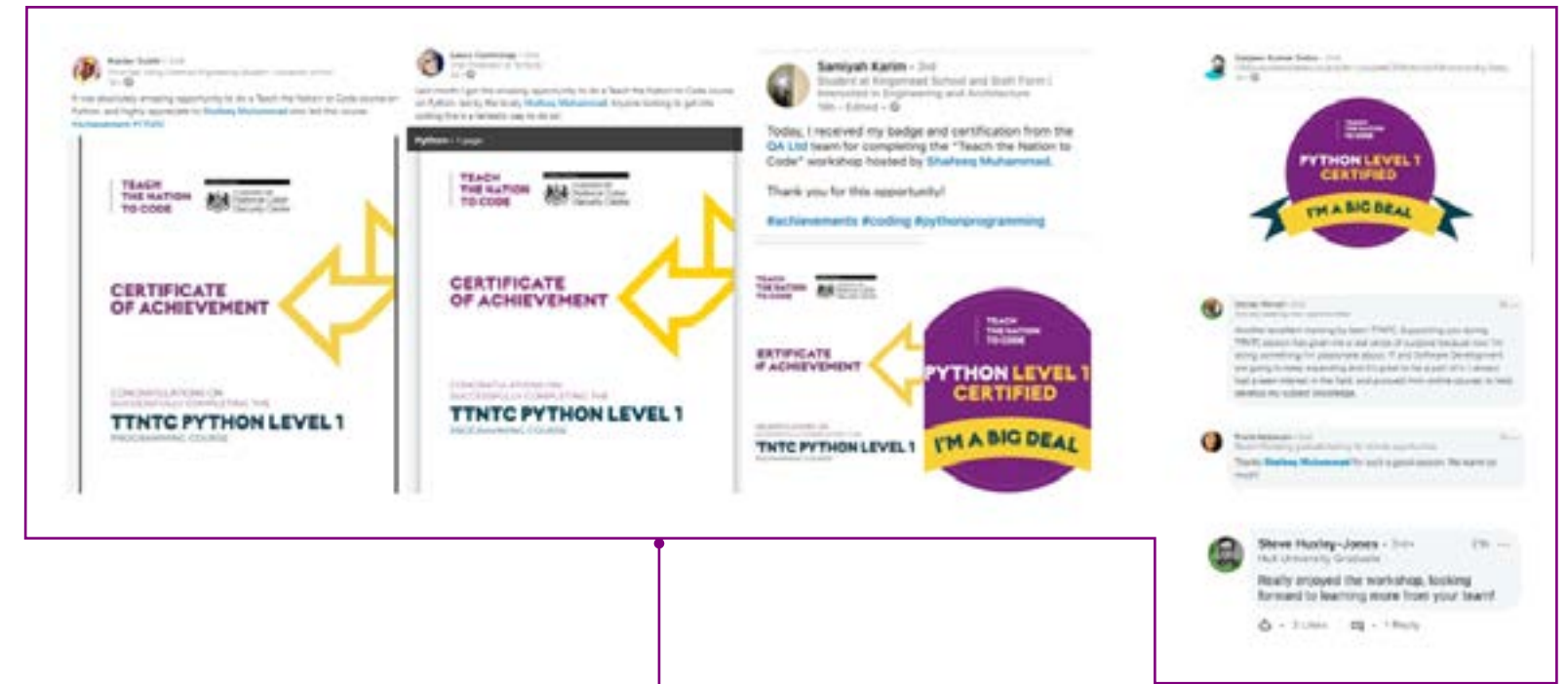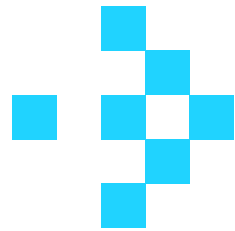
TEACH THE NATION TO CODE

2020 REPORT

QA.com

Teach the Nation to Code is a free coding workshop aimed at inspiring the nation to start a career in tech.

The workshops are delivered by our industry experts and the content of these sessions has been developed around current UK digital skills shortages, giving everyone the opportunity to learn entry-level Python skills.

We have designed the hands-on workshops in a way that is easy to understand regardless of background and level of knowledge.

In March 2020, Teach the Nation to Code went virtual. The unexpected situation we found ourselves in, meant we had to adapt and adjust the way we did things – well, we did just that.

A LOT HAS HAPPENED IN 2020

We've inspired 1,100+ people into tech and over 2,000 since the launch of Teach the Nation to Code

Went global, reaching tech enthusiasts across the world - from the UK to Canada, and from Saudi Arabia to Africa

And fully digital, running 14 of our 17 workshops online

We've received glowing feedback from Santander, HSBC, Nationwide and other clients, following the private, taster sessions offered to them

We've smashed our gender ratio, with close to 1 in 2 female attendance

We've introduced Certificates of Achievement and Badges for our sessions

We've piloted an Intermediate session, with demand only growing for further sessions

And more than ever - attendees are taking their enthusiasm online, getting our initiative the recognition it deserves

LET'S LOOK AT THE NUMBERS IN DETAIL

1100+

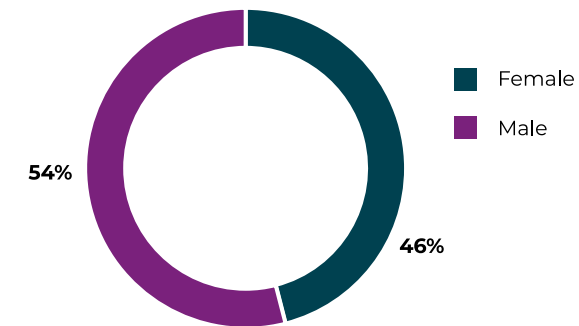People taught.

17

2020 Events.

Out of which **14** virtual ones.

13

Public Events.

4

Client Events.

Gender

54%

46%

■ Female
■ Male

Ages

62%

16%

11%

6%

5%

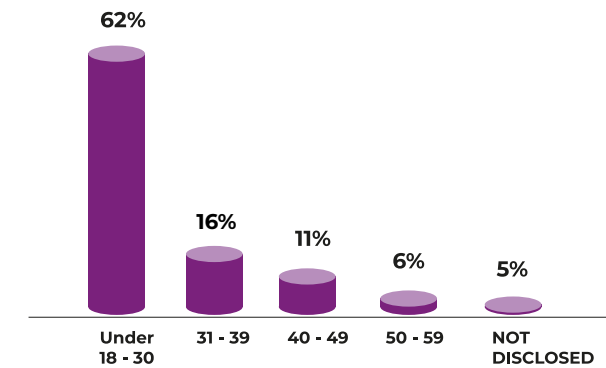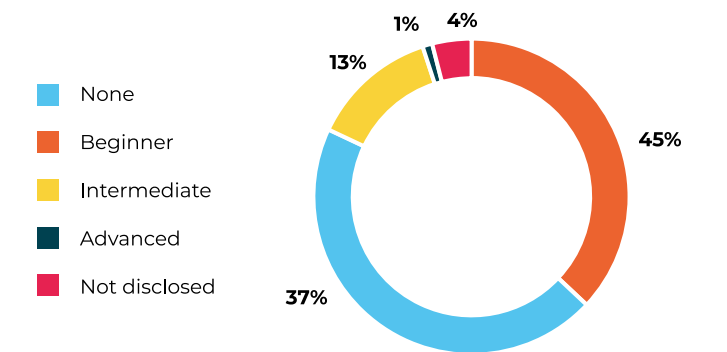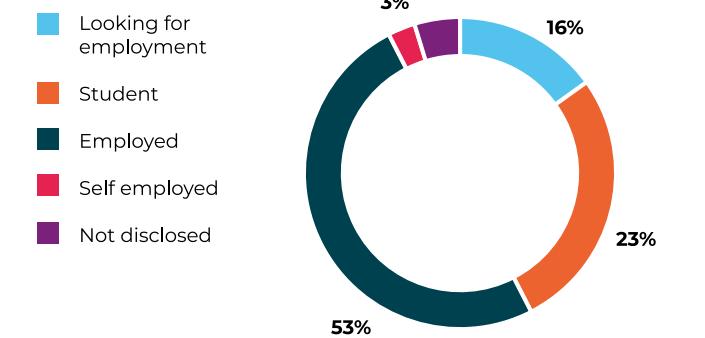| Under 18 - 30 | 31 - 39 | 40 - 49 | 50 - 59 | NOT DISCLOSED |

Out of which 7% are under 18 years old,
20% are 18-22 years old and
35% 23-30 years old

Level of experience

1% 4%

13%

45%

37%

■ None
■ Beginner
■ Intermediate
■ Advanced
■ Not disclosed

Employment status

3% 5%

16%

23%

53%

■ Looking for employment
■ Student
■ Employed
■ Self employed
■ Not disclosed

GLOBAL REACH

FINLAND

LITHUAINIA
POLAND
GERMANY

UK

THE NETHERLANDS
CZECHIA

BULGARIA
GREECE

ITALY
JORDAN

SAUDI ARABIA

QATAR   UAE   PAKISTAN

GHANA   NIGERIA

INDIA

CHINA

HONG KONG

TAIWAN

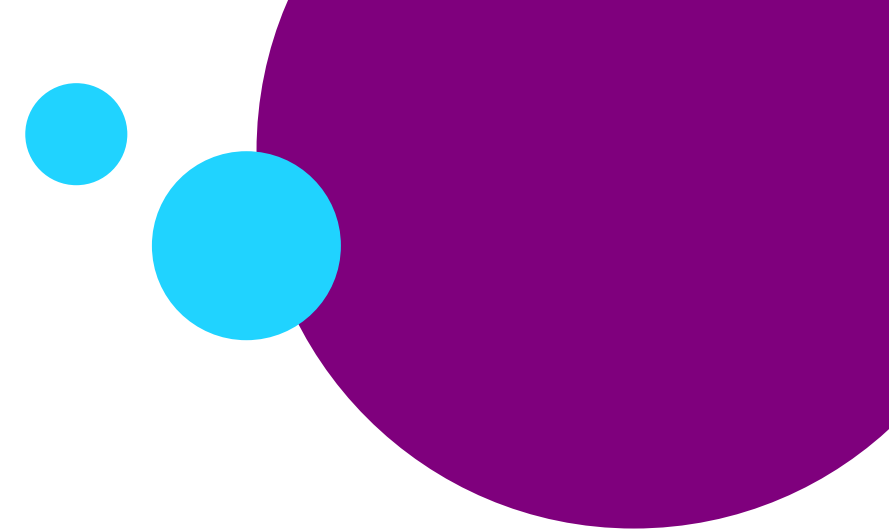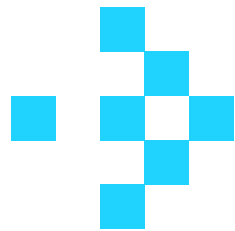INDONESIA
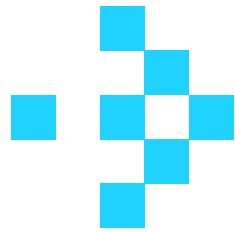
We're looking forward to 2021 and taking our coding sessions even further.

We'd like to give a huge shout out to the brains behind the operation - Shafeeq Muhammad, John Gordon and their amazing team.

OUR TTNTC PUBLIC EVENTS, OPEN TO ALL

VIRTUAL SESSIONS
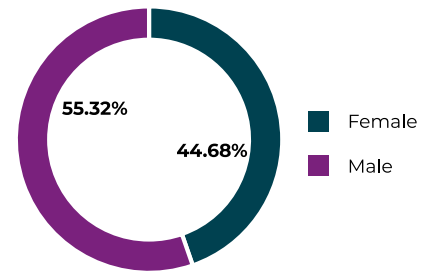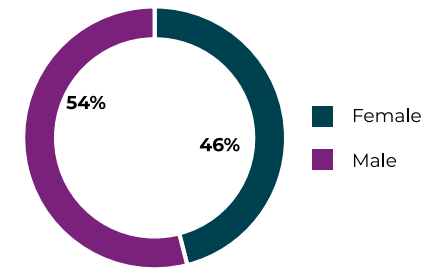
14
One-day workshops held on Saturday.

705
People taught.

High number of females taking part.

Gender
55.32%
44.68%
- Female
- Male

ALL SESSIONS

Gender
54%
46%
- Female
- Male

Ages
52%
21%
13%
8%
6%

| Under 18 - 30 | 31 - 39 | 40 - 49 | 50 - 59 | NOT DISCLOSED |
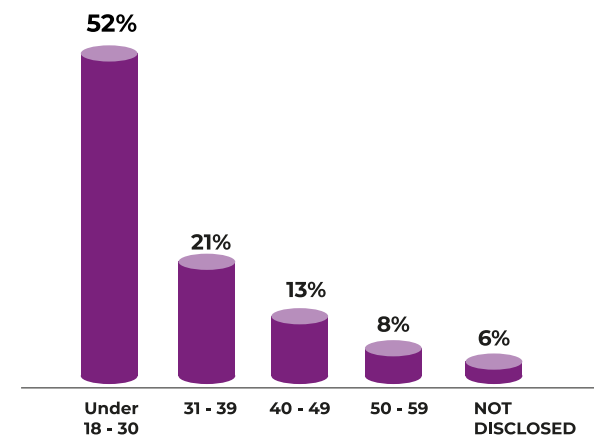
Out of which 8% are under 18 years old,
17% are 18-22 years old and 27% 23-30 years old.

Level of experience
38%
44%
12%
1%
5%
- None
- Beginner
- Intermediate
- Advanced
- Not disclosed

Employment status
20%
28%
42%
4%
6%
- Looking for employment
- Student
- Employed
- Self employed
- Not disclosed
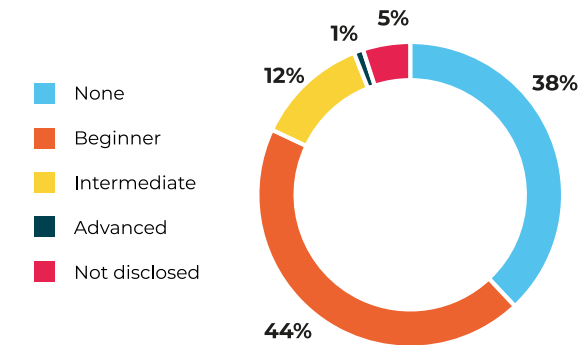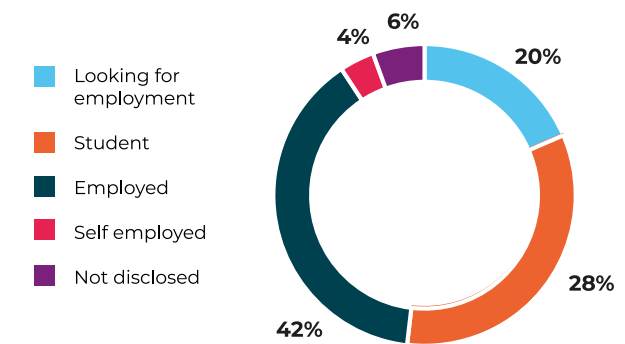
WE'VE RECEIVED SOME GLOWING FEEDBACK

The teaching style of Shafeeq Muhammad is amazing. Beside this, I was able to understand how basic coding works and how important is logic behind codes. It has made me understand now to debug other codes from basic level.

The teaching was outstanding. My first intro to programming and the information was communicated to suit the audience. I really enjoyed the visual elements such as diagrams and flow charts, step-by-step explanations and practices.

Clear and concise points given, so even with some experience, I learned something new.

Very detailed and excellent coverage of the basic coding skills. This has provided me with a very good base to continue developing my programming skills.

As someone with no programming experience, Shafeeq was very clear and repeated what was necessary, so it really stuck.

AND DELEGATES ARE LOOKING TO PUT THEIR NEWLY ACQUIRED SKILLS TO GOOD USE

How are you planning to use the coding skills you have acquired this weekend?

With my new bolstered confidence with Python, I hope to try out a few small projects I've been putting off as well as hopefully going for a Python certification.

Use for automation testing. Will be looking to learn Java so this is a good base for the programming foundation.

I'm planning a career change to the software development sector.

I am looking into a career change to software testing. I wanted to get some understanding in different tech to support applications. I know coding is needed for multi disciplinary teams and for automation, so will explore this further now I know it made sense to me.

I am learning how to teach computing and coding in Python. Being able to use past programming skills, but in a different language.

Exploring career paths and looking into data analysis / business analysis. Python is frequently quoted in job applications. I enjoyed it and will now look to learn more.

OUR TTNTC SESSIONS FOR CLIENTS

We chose to work with forward-thinking businesses such as Nationwide, HSBC, Northumbria University and Santander as a way to introduce our brand, showcase our amazing training experts and course content and open doors to new business.

THE RESULT?

New partnership with Nationwide. QA has delivered one graduate programme for **30 delegates**.

New partnership with HSBC. QA has trained **120 delegates**.

Santander, Nationwide, HSBC and Northumbria University gave us glowing feedback:

I loved the whole session! Shafeeq was very engaging and was very happy to explain everything from a beginner's level.

New experience, opened my eyes to coding and the simplicity of it. The flow of the lesson was excellent and the assessor was very approachable.

The practical examples straight from the off were useful to demonstrate the concepts, rather than being too theoretical.

It was very informative and covered a lot of information about Python.

It was very easy to follow and doing the coding at the same time made it easier to understand. Shafeeq made complex things more easy to understand.

I enjoyed the way in which Shafeeq showed us how to think about coding and understand its function, and not just telling us what functions are available.

How are you planning to use the coding skills you have acquired this weekend?

I will be using it as a basis to carry on developing my coding knowledge in my career.

I've always wanted to learn the basics and after this training, I'm even more interested in it so the next step for me will be to seek further knowledge on learning Python.

Now that my basics have cleared, I am going to jump into the intermediate level and try to come up with solutions in practical life.

Add it to other programming languages I know. This should make me more flexible for other tasks.

Put into practice skills learnt to be able to progress onto creating my own portfolio of mini projects.

OUR
6 MONTH PLAN
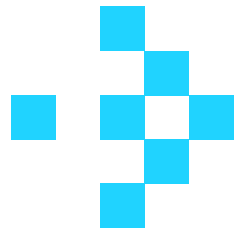
Introducing 'Teach the Nation to Cloud' workshops, a new initiative that will be run in conjunction with our popular 'Teach the Nation to Code' sessions.

Launching 'QA Community', an all-in-one user-friendly portal which will host all information covered in the sessions, alongside exercises and interactive challenges.

Redefining our promotional material to ensure that we reach a vast, diverse audience.

Introducing 'Teach our Kids to Code', a new series of workshops specifically built for a 10-16 year-old audience.

Inspiring the next generation of females into STEM careers by showing that tech is for everyone - regardless of gender, background or ethnicity.

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