

BIG DIVE

Edition 2020 Courtesy Application Form

#BIGDIVE2020



A project by

top ~ **ix**
WE DO CONNECTIONS

BIG DIVE 2020

Courtesy Application Form

The current Application Form is a copy of the official version. The goal is to allow potential participants to see the questions in advance.

You can officially apply to a BIG DIVE by choosing a course at bigdive.eu/becomdatascientist.

BIG DIVE 2020 – Application Form

* = mandatory questions

Fill this form to apply for BIG DIVE 2020 in Turin, Italy.

Data will be temporarily stored and shared among course organizers to find the best candidates.

Which BIG DIVE course or courses would you like to attend in 2020? *

Be sure to check our “package opportunities” online. You might save up to 25% buying more than one module!

- From Zero to Data Science with Python (18–22 May)
- Machine and Deep Learning intensive (15–19 June)
- DataViz intensive (6–10 July)
- Deep Dive into Data Engineering (September)

What is your BIG DIVE profile? *

- Student (you will be required to prove “student status” at the time of registration)
- Regular (it is the general and the most common option)

If you have a discount coupon code, please insert it here.

Basic information

Name * Surname *

Age *

City where you live * Citizenship *

Your current job *

E-mail address *

Mobile / Phone *

Highest level of school completed *

Master / PhD or other relevant certifications (completed or on-going)

LinkedIn profile

Github profile

About you – Describe yourself and impress us!

Please describe yourself in 140 characters or less. *

Provide a list of data projects done by you (if any) or where you contributed.

Don't forget the URLs and your role in the project.

[Strongly recommended] Make a video (max 3 minutes) to describe why we should choose you and share the link here:

We really encourage you to take this opportunity! Aesthetic value is not important, it can be quick, "dirty" and made with your smartphone.

If your video is shared with limitations, provide the password or the information needed to access it here:

[Not mandatory] Letters of Recommendation / Reference Letters.

Paste here the link to an online document (Feel free to use Dropbox, Evernote, Gdrive or your favourite tool)

Your level in core skills

Statistics *

1. Beginner – I have a Maths background. I am familiar with Descriptive Statistics (mean, mode, standard deviation, ...)
2. Working – I have a solid background in Statistics. I often use correlation coefficients and P-value test (or equivalent) to validate the hypothesis
3. Ninja – I have advanced knowledge in Statistics, I know very well Inferential Statistics (both Frequentist and Bayesian)

Python programming language *

1. Just started – I started watching/reading tutorials and the Python documentation
2. Beginner – I know the basic syntax and the built-in object types. I have Jupyter Notebooks (or equivalent) at least once
3. Working – I have used Python in more than one coding project
4. Hacker – I am a PRO in Python programming (script in production, OOP). I have also contributed to open-source libraries

Python data-driven libraries (Numpy, Pandas, Matplotlib and Seaborn): *

1. No experience
2. Beginner
3. Working
4. Hacker

Practical Machine Learning (e.g. Scikit-learn) *

1. No experience
2. Beginner
3. Working
4. Hacker

Applied Deep Learning (TensorFlow, PyTorch e/o Keras) *

1. No experience
2. Beginner
3. Working
4. Hacker

English language *

BIG DIVE will be taught in English. So proper conversation and writing skills are required.

1. English Independent User (B1,B2)
2. Proficient English User (C1,C2)
3. Mother tongue

Nice-to-have skills

Knowledge in one or more of the following skills will give you advantages in the evaluation process.

HTML / CSS / Javascript *

1. No experience
2. Beginner
3. Working
4. Hacker

D3.js *

1. No experience
2. Beginner
3. Working
4. Hacker

Unix/Linux Command line experience *

1. Beginner – I know basic commands (ls, ps, top, cd, ..), I prefer GUI when available
2. Working – No fear of command line! I use it if necessary
3. Hacker – advanced usage in regular expression and scripting

Cloud / Virtual environment / Docker / Kubernetes *

1. No experience
2. Beginner
3. Working
4. Hacker

NoSQL databases *

1. No experience
2. Beginner
3. Working
4. Hacker

Spark framework *

1. No experience
2. Beginner
3. Working
4. Hacker

Other programming languages you are a PRO

- R
- C / C++
- Matlab
- PHP
- JAVA
- .NET / C#
- SCALA
- Others (specify)

Other relevant skills (or current data science studies e.g. online courses and MOOC)

Logistic, privacy and final confirmation

Will you need accommodation in Turin during the BIG DIVE training? *

BIG DIVE organisers do not provide you for accommodation in Turin but they may send you helpful suggestions.

- No
- Yes, but I manage it by myself
- Yes, please send me the tips

How did you hear about BIG DIVE? *

- Events or conferences
- Blogs
- Newspaper
- Flyers
- Friends o relatives
- TOP-IX website
- Social Media (Facebook, Twitter, Instagram)
- BIG DIVE alumni

Are you SURE you want to apply for BIG DIVE 2020? *

You agree to provide true, updated and complete information about yourself as prompted by the form. You agree that by answering YES, the collection of information and the sharing of profiles is allowed among teachers and BIG DIVE organizers, in order to perform the participant selection.

- Yes

I authorise the processing of my personal data. *

Data will be processed by TOP-IX Consortium (and shared among course organizers) for selection purposes under Section no. 13 of D. Lgs. 196/2003 and Section no. 13 of GDPR 679/16

Yes, I agree

I authorise to share my details for future job proposals *

You can give access to BIG DIVE's sponsors and technical partners to your profile in order to be on the top of their candidates. The contact will be made through the BIG DIVE team.

Yes, I'm fine sharing my data with organisations affiliated

No, thank you, I prefer not taking this opportunity

BIG DIVE Organizers and Main Contacts

BIG DIVE is a project by **TOP-IX Consortium**.

Axant.it, **ISI Foundation** and **TODO** are key local partners of the project.

BIG DIVE course will be held at TOP-IX Consortium Headquarters located in Via Maria Vittoria, 38 – 10123 Turin, Italy.

For further information about BIG DIVE, please contact us at info.bigdive@top-ix.org.

You can also reach out us by phone at [+39 011 8390191](tel:+390118390191). As this is the TOP-IX office number, please specify that your call is related to BIG DIVE.

Useful links:

Web: <https://www.bigdive.eu>

Facebook: <https://www.facebook.com/bigdive.eu>

Twitter: https://twitter.com/bigdive_eu

Instagram: <https://www.instagram.com/bigdive.eu>