BIG DIVE 8

Courtesy Application Form

N.B
The current Application Form is a copy of the official version. The goal is to allow potential participants to see the questions in advance.
Application has to be performed in any case on bigdive.eu/big-dive-8.

(*) Mandatory questions.

PART 1 – PERSONAL INFORMATION

What is your BIG DIVE profile? *
Regular (it is the general and the most common option).
Non-profit (you will be required to prove your full-time employment in a non-profit organization at the time of registration).
Student (you will be required to prove "student status" at the time of registration).

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

_____

Your personal website / page

_____

LinkedIn profile

_____

Twitter profile

_____

Github profile

_____

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PART 2 – DESCRIBE YOURSELF AND IMPRESS US!

Please describe yourself in 140 characters or less. *

Provide a list of data projects done by you or where you contributed.

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

Make a video (max 3 minutes) to describe why we should choose you. We really encourage to take this opportunity! Aesthetic value is not important, it can be quick, "dirty" and made with your smartphone. Share the link here:

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

What do you want to achieve by attending BIG DIVE 8? *

Letters of Recommendation / Reference Letters.

PART 3 – YOUR LEVEL IN THE MUST-HAVE SKILLS

A beginner level in these skills is required to be admitted to the course.

Statistics *

Beginner - I have a mathematics background. I am familiar with Descriptive Statistics (mean, mode, standard deviation, ...).

Working - I have a solid background in statistics. I often use distributions, correlation coefficients and P-value. I often use correlation coefficients and P-value test (or equivalent) to validate hypothesis.

Ninja - I have an advanced knowledge in Statistics, I know very well Inferential Statistics (both Frequentist and Bayesian).

Python programming language *

Beginner - I know the basic syntax and the built-in object types. I have Jupyter Notebooks (or equivalent) at least once.

Working - I have used Python in more than one coding project.

Hacker - I am a PRO in Python programming (script in production, OOP). I have also contributed in open-source libraries!

Unix/Linux Command line experience *

Beginner - I know basic commands (ls, ps, top, cd, ...) but I prefer GUI when available.

Working - No fear of command line! I use it if necessary.

Hacker - advanced usage in regular expression and scripting.

English language *

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

English Independent User (B1,B2)

Proficient English User (C1,C2)

Mother tongue

PART 4 – NICE-TO-HAVE SKILLS

HTML / CSS / Javascript *
        No experience
        Beginner
        Working
        Hacker

D3.js *
        No experience
        Beginner
        Working
        Hacker

Any other computational design tools in your background?
        Tableau
        Processing
        Chart.js
        RAW

Cloud / Virtual environment / Docker *
        No experience
        Beginner
        Working
        Hacker

Other programming languages and technologies where you are a PRO
        R
        C
        C++
        Matlab
        Rust
        PHP
        JAVA
        .NET / C#
        SCALA
        Ruby
        SQL / MySQL
        MongoDB

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Apache Spark framework and HDFS. *

No experience
Beginner
Working
Hacker

Python data-driven libraries you are familiar in: *

e.g. Numpy, Pandas...

Machine Learning Theory *

No experience
Beginner
Working
Hacker

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

No experience
Beginner
Working
Hacker

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

No experience
Beginner
Working
Hacker

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

PART 5 - LOGISTIC INFORMATION AND CONFIRMATION

Will you need an accommodation in Turin during BIG DIVE? *

BIG DIVE organizers do not provide you for an 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 / conferences
        Blogs
        Newspaper
        Flyers
        Friends / relatives
        TOP-IX website
        Social Media (Facebook / Twitter)
        BIG DIVE alumni
        _____

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

Are you SURE you want to apply for BIG DIVE 8? *

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 job proposals *

You can give access 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 organizations affiliated
        No, thank you, I prefer not taking this opportunity

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