



# Data Science Internship Day

Dec 1, 2023

# Agenda



12:30 Welcome by Prof. Francesco Rinaldi  
Head of the Master's Degree in Data Science

12:35 Quick introduction to internships by Tomaso Erseghe  
Internship responsible

12:45 Breakout room sessions  
each institution/company has a breakout room to meet  
the students, and share insights and technical details  
on the proposed internship

14:30 End

# Who's here today



# Short guide to Internships



*a period of work orientation and training that does not take the form of an employment relationship*

*an activity that is coherent with the master's degree program (e.g., dealing with statistical data analysis, machine learning, big data processing)*



*to develop new skills*

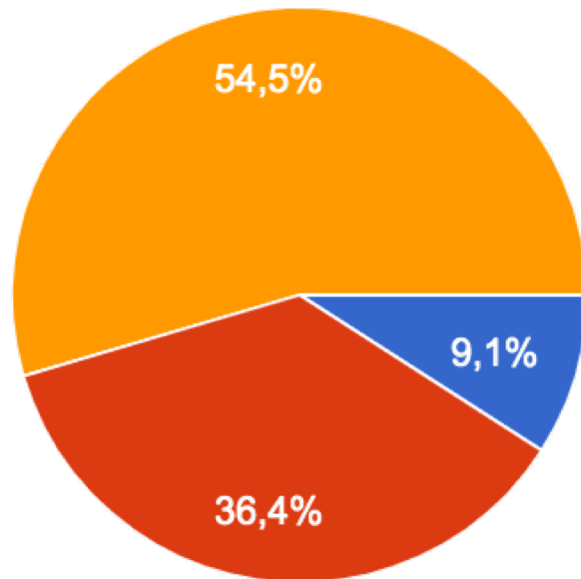
*to come into contact with the daily working environment*

*to apply the lessons learned to a practical problem*

*to strengthen your curriculum*

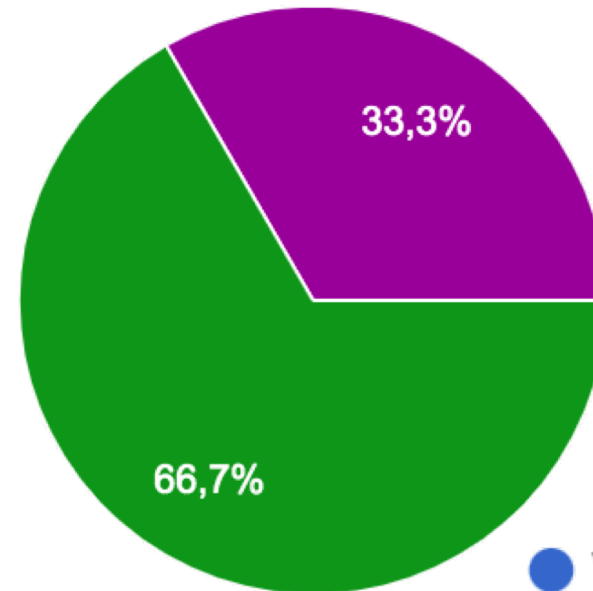
# Receiving organization questionnaires

Have you hired our graduates in your company?



- Yes
- No
- Yes rather than no
- No rather than yes

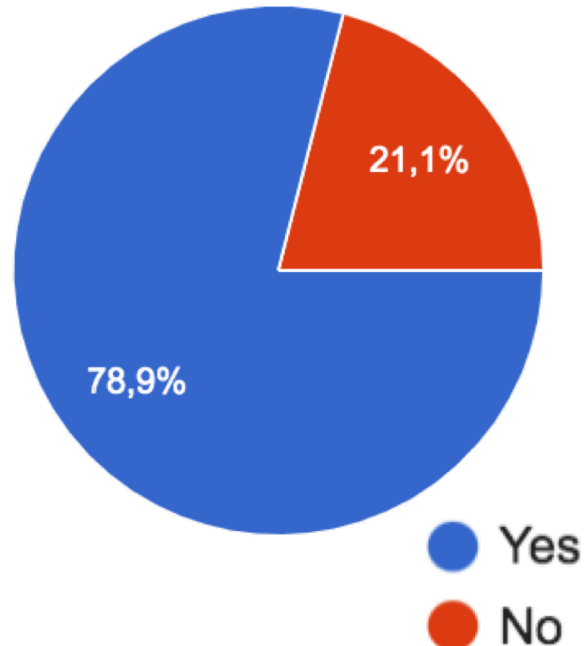
How does your company rate our graduates on average?



- Very unsatisfied
- Unsatisfied
- A little bit satisfied
- Satisfied
- Very satisfied

# Receiving organization questionnaires

Are there any transversal skills (e.g. language skills) that a DS graduate should possess?



Suggestions:

*English language above B2*

*Data visualization skills*

*Communication skills*

*Team work skills, focus to team goals*

*Precision and speed in tasks completion*

*Analytical and critical thinking*

*Adaptability*

*Ability to understand complex papers*

***Real-world project experience***

*Problem solving by the point of view of business*

*Economic and financial knowledge of*

*IPRs*





typically (not compulsory)

2<sup>nd</sup> semester 2<sup>nd</sup> year

3 to 6 months (15 ECTS credits = 375 hours)

possibly combined with the master's degree thesis

(15 + 15 = 30 ECTS credits = 1 semester)



*in Italy or abroad  
in a company, a research center, or a university lab  
through one of our contacts or by your own contact*

[datascience.math.unipd.it](http://datascience.math.unipd.it)

faculty/instructors

“Data Science  
Internships Day”

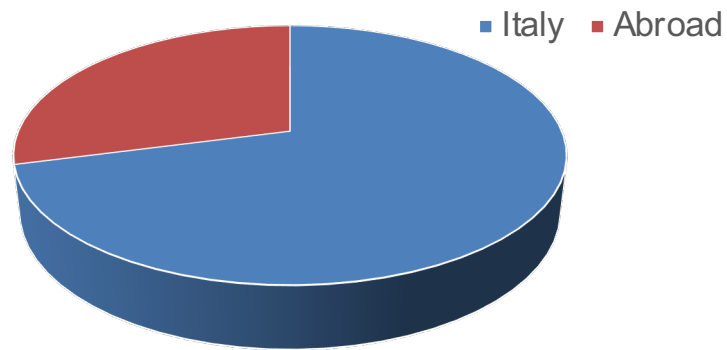
Career Service @ Unipd

[www.unipd.it/en/internships](http://www.unipd.it/en/internships)

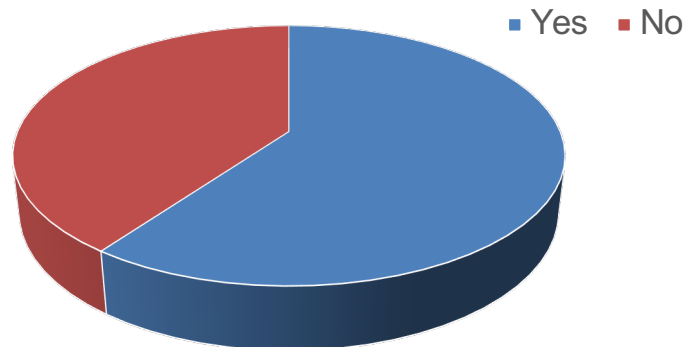
fast and lightweight  
accreditation procedure  
through [stage@unipd.it](mailto:stage@unipd.it)

# Students questionnaires

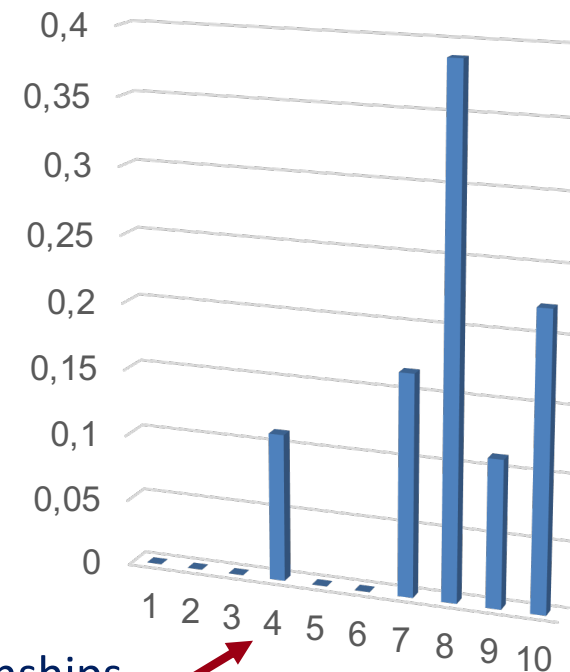
### Italy or abroad?



### Did you receive a job offer? (Italy only)



### Satisfaction (19-21)



accept internships that meet your expectations!!!



1. Find a company/research center (*receiving organization*) and identify your *tutor* there
2. Find an *academic supervisor* (faculty) who will monitor your internship and sign documents 😊
3. Submit a *training project* before the internship starts
4. Have your *15 credits* approved once the internship is over (or after 3 months for long internships)

## Unipd Career Service

via Martiri della Libertà 2

35137 Padova

[www.unipd.it/en/internships](http://www.unipd.it/en/internships)

[stage@unipd.it](mailto:stage@unipd.it)

+39 049 827 3075

[tomaso.erseghe@unipd.it](mailto:tomaso.erseghe@unipd.it)

(faculty responsible)



<https://stem.elearning.unipd.it/course/view.php?id=4071>



**DATA SCIENCE**  
UNIVERSITY OF PADOVA

Welcome to the **Data Science Information Space**. You will find fresh information students are warmly encouraged to enroll to promptly receive updates from our P our Partners (e.g., internship opportunities, job postings, etc.).

# Paperwork to start

# Info available @



 <http://www.unipd.it/stage>

 <http://www.unipd.it/en/internships>

Uniweb | Departments | Schools |

1222-2022  
800  
ANNI



UNIVERSITÀ  
DEGLI STUDI  
DI PADOVA

Menu ▾ After graduation ▾ Career service ▾ > Internships

## Internships

# Choose your academic supervisor!



Will guide and supervise the student during the internship

1. Should be an **instructor/faculty** somehow knowledgeable about the main topic of the internship
2. If anything else fails can be the internship responsible

**PS:** for thesis + internship @ the university premises, your thesis supervisor will sign as **receiving organization tutor**, and the co-supervisor (if any) as **academic supervisor** (leave it blank in case you do not have a co-supervisor)



# Attend a safety course!

[elearning.unipd.it/formazione/course/index.php?categoryid=39](https://elearning.unipd.it/formazione/course/index.php?categoryid=39)

## FORMAZIONE GENERALE (GENERAL TRAINING)

Formazione online per il personale > INIZIATIVE FORMATIVE > Area Sicurezza  
> **FORMAZIONE GENERALE (GENERAL TRAINING)**

download the **certificate of successful completion !!!**



**PS:** you only need to complete the course once – if you have already passed it some time ago, e.g., for an internship at your Bachelor's, you can use your old certificate

# Get an agreement! (if needed)



<http://www.unipd.it/en/internships>

Uniweb | Departments | Schools

Webmail | Contacts | 800 years | Support



Menu > After graduation > Career service > Internships

## Internships

### Information for students and graduates

- > [Internships in Italy](#)
- > [Internships abroad](#)

### Information for companies

- > [Activate Internships in Italy](#)
- > [Activate Internships abroad](#)

in case the receiving organization is **not** in the unipd database, **they** must sign an **agreement** with unipd

in case it already is, you can submit your **training project**

# Define the training project!

establishes how the internship is organised:  
duration, activities to be carried out, etc...

<https://careers.unipd.it/en>

UniPD Careers

ITALY INTERNSHIP ITALY JOB INTERNSHIP ABROAD

INTERNSHIP ABROAD PLATFORM

- Personal curriculum
- Video Curriculum
- Window
- Applications
- Training project

DEFINE FORM

Free Internship:  NO

Compulsory training:  YES

With Credits:  YES

yours is a **compulsory training with credits!!!**

jointly defined by the receiving organization, the academic supervisor and the student

... includes the date of completion of the safety course 😊

# Can I get paid?



The presence of a **pay/reimbursement**  
(to be contracted with the receiving organization)  
it should appear in the training project

# Sign and deliver!



at least 15 days before the internship begins

send to [stage@unipd.it](mailto:stage@unipd.it)

the **training project** as from <https://careers.unipd.it/en>

duly filled and electronically signed by

- academic supervisor
- receiving organization tutor\*

\* in case the receiving organization cannot sign electronically, please contact [stage@unipd.it](mailto:stage@unipd.it)

# Erasmus+ for traineeship mobility

(as a paid alternative)

<https://www.unipd.it/en/erasmus-traineeship-mobility>



Different rules for application  
Does not exclude Erasmus+  
Pays slightly more than Erasmus+  
Can also get a salary (not from the EU though)

| Open call | Application deadline | Mobility period   |
|-----------|----------------------|-------------------|
|           | 30 July 2021         | Sept 21 – Sept 22 |
|           | 17 September 2021    | Nov 21 – Sept 22  |

# Have your credits approved!

# Short report

Prepare a **short report** (free format) containing:

- i. a few lines summarizing the work done
- ii. the type of working environment/conditions that you have experienced at the receiving organization
- iii. any critical situation that you may have faced either with us, the career office, or the receiving organization

Will be used to steer our future activity



# Internship completion certificate

Il/La Tutor Aziendale  
*The Receiving  
Organization Tutor*

.....  
(nome e cognome / *name and surname*)

dichiara che lo studente/la  
studentessa  
*certifies that the student*

.....  
(nome e cognome / *name and surname*)

numero matricola  
*with identification number*

.....  
(matricola / *student ID*)

iscritto/a al Corso di Laurea in Data Science  
*attending the degree course in Data Science*

ha svolto uno stage formativo di (almeno) 375 ore pari a 15 CFU  
*has completed an internship of (at least) 375 hours, for a total of 15 ECTS credits*

dal / *from*

.....  
(use *dd/mm/yyyy*)

al / *to*

.....

presso / *at*

.....  
  
.....  
  
.....  
(denominazione e sede ente ospitante / *name and location of the receiving organization*)

Data/Date,   
.....

Tutor Aziendale / *Receiving Organization Tutor*  
(Firma Elettronica / *Electronic Signature*)

1. fill your data in  
an editable pdf

2. Print the result

3. Sign  
electronically

# Sign and deliver!



send to [stage@unipd.it](mailto:stage@unipd.it)

1. the **short report**, dated and signed by you
2. the **internship completion certificate** filled and electronically signed by the receiving organization tutor \*

your 15 ECTS credits will be automatically recorded in a few business weeks

\* in case the receiving organization cannot sign electronically, please contact [stage@unipd.it](mailto:stage@unipd.it)

# Contacts



## *Unipd Career Service*

*via Martiri della Libertà 2*

*35137 Padova*

[www.unipd.it/en/internships](http://www.unipd.it/en/internships)

[stage@unipd.it](mailto:stage@unipd.it)

*+39 049 827 3075*

**UniPD**  
Careers

Available on the  
**App Store**

**Google Play**



<https://www.facebook.com/CareerServiceUnipd>



**facebook**

**Career Service Università degli Studi di Padova**

# Questions?

[tomaso.erseghe@unipd.it](mailto:tomaso.erseghe@unipd.it)  
(faculty responsible)