

VET High School Survey (EN)

Thank you for participating. The answers that you provide, are completely anonymous, and will be used for educational and scientific purposes only.

General questions

This section should provide overview of the general statistical parameters of the respondents.

1. Age?

2. Sex?

Mark only one oval.

Male

Female

3. Year of studies?

Mark only one oval.

First

Second

Third

Fourth

Fifth

4. Specialisation? (You can choose more than one)

Check all that apply.

- Power electrical engineering
- Electronics
- Telecommunications
- Automation
- Computers/Informatics
- Gymnasium
- Other technical
- Other non-technical

5. School?

6. Grade average?

Awareness of DS and ML

7. Where have you heard the term Data Science? (you can choose more than 1 answer)

Check all that apply.

- School
- Internet
- Media
- From a friend
- Haven't heard the term

8. What does Data Science mean?

9. Where is Data Science used? (you can choose more than 1 answer)

Check all that apply.

- Medicine
 Transportation
 Sports
 Economics
 Marketing

Other: _____

10. Where have you heard the term Machine Learning? (you can choose more than 1 answer)

Check all that apply.

- School
 Internet
 Media
 From a friend
 Haven't heard the term

11. What does Machine Learning mean?

12. Where is Machine Learning used? (you can choose more than 1 answer)

Check all that apply.

- Transportation
- Social Media
- Marketing
- Robotics
- Virtual Personal Assistants
- Language translation

Other: _____

Exposure to IT

13. How often do you use information technologies, e.g. smartphone, tablet, computer?

Mark only one oval.

- 6+ hours/day
- 2 - 6 hours/day
- less than 2 hours/day
- 2 hours in 2 -3 days
- less than 2 hours/week
- not at all

14. How often do you use Facebook?

Mark only one oval.

- 6+ hours/day
- 2 - 6 hours/day
- less than 2 hours/day
- 2 hours in 2 -3 days
- less than 2 hours/week
- not at all

15. How often do you use Twitter?

Mark only one oval.

- 6+ hours/day
- 2 - 6 hours/day
- less than 2 hours/day
- 2 hours in 2 -3 days
- less than 2 hours/week
- not at all

16. How often do you use Instagram?

Mark only one oval.

- 6+ hours/day
- 2 - 6 hours/day
- less than 2 hours/day
- 2 hours in 2 -3 days
- less than 2 hours/week
- not at all

17. How often do you use Tik-Tok?

Mark only one oval.

- 6+ hours/day
- 2 - 6 hours/day
- less than 2 hours/day
- 2 hours in 2 -3 days
- less than 2 hours/week
- not at all

18. How often do you use Youtube?

Mark only one oval.

- 6+ hours/day
- 2 - 6 hours/day
- less than 2 hours/day
- 2 hours in 2 -3 days
- less than 2 hours/week
- not at all

19. How often do you use WhatsApp?

Mark only one oval.

- 6+ hours/day
- 2 - 6 hours/day
- less than 2 hours/day
- 2 hours in 2 -3 days
- less than 2 hours/week
- not at all

20. How often do you use Viber?

Mark only one oval.

- 6+ hours/day
- 2 - 6 hours/day
- less than 2 hours/day
- 2 hours in 2 -3 days
- less than 2 hours/week
- not at all

21. How often do you use Snapchat?

Mark only one oval.

- 6+ hours/day
- 2 - 6 hours/day
- less than 2 hours/day
- 2 hours in 2 -3 days
- less than 2 hours/week
- not at all

22. How often do you use Skype?

Mark only one oval.

- 6+ hours/day
- 2 - 6 hours/day
- less than 2 hours/day
- 2 hours in 2 -3 days
- less than 2 hours/week
- not at all

23. How often do you use Zoom?

Mark only one oval.

- 6+ hours/day
- 2 - 6 hours/day
- less than 2 hours/day
- 2 hours in 2 -3 days
- less than 2 hours/week
- not at all

24. How often do you use Netflix?

Mark only one oval.

- 6+ hours/day
- 2 - 6 hours/day
- less than 2 hours/day
- 2 hours in 2 -3 days
- less than 2 hours/week
- not at all

25. How often do you watch regular TV?

Mark only one oval.

- 6+ hours/day
- 2 - 6 hours/day
- less than 2 hours/day
- 2 hours in 2 -3 days
- less than 2 hours/week
- not at all

26. How often do you play video games?

Mark only one oval.

- 6+ hours/day
- 2 - 6 hours/day
- less than 2 hours/day
- 2 hours in 2 -3 days
- less than 2 hours/week
- not at all

27. How often do you buy things online?

Mark only one oval.

- daily
- every couple of days
- weekly
- monthly
- yearly
- not at all

Interest in DS and ML

28. Would you like to learn more about Data Science?

Mark only one oval.

- 10 (very much)
- 9
- 8
- 7
- 6
- 5
- 4
- 3
- 2
- 1 (not at all)

29. Would you like to learn more about Machine Learning?

Mark only one oval.

- 10 (very much)
- 9
- 8
- 7
- 6
- 5
- 4
- 3
- 2
- 1 (not at all)

30. Would you like to learn more about Statistics?

Mark only one oval.

- 10 (very much)
- 9
- 8
- 7
- 6
- 5
- 4
- 3
- 2
- 1 (not at all)

31. Would you like to learn how to use Data Science and Machine Learning in your projects?

Mark only one oval.

10 (very much)

9

8

7

6

5

4

3

2

1 (not at all)

32. Does Data Science and Machine Learning seem too hard to learn?

Mark only one oval.

10 (very much)

9

8

7

6

5

4

3

2

1 (not at all)

33. What application of Data Science would you like to learn more about? (you can choose more than 1 answer)

Check all that apply.

- Internet search
 Digital advertising
 Recommender systems
 Business intelligence

Other: _____

34. What application of Machine Learning would you like to learn more about? (you can choose more than 1 answer)

Check all that apply.

- Medicine
 Robotics
 Image recognition
 Speech recognition

Other: _____

Experience with DS and ML

35. Have you used Data Science or Machine Learning as part of your projects?

Mark only one oval.

- Yes
 No

36. If yes, please list some examples.

37. Have you followed an online tutorial on the topic of Data Science or Machine Learning?

Mark only one oval.

Yes

No

38. If yes, please list which ones?

General skills

39. How proficient are you in programming?

Mark only one oval.

10 (very proficient)

9

8

7

6

5

4

3

2

1 (not at all)

40. Which programming languages have you used? (you can choose more than 1 answer)

Check all that apply.

Pascal

Delphi

C

C++

C#

Java

JavaScript

Python

PHP

SQL

Assembly

Other: _____

41. Have you ever used Python code?

Mark only one oval.

Yes

No

42. Have you ever seen or used IPython notebooks?

Mark only one oval.

Yes

No

43. Please describe the programming project you are most proud of.

44. How proficient are you in English?

Mark only one oval.

- speak and understand
- understand spoken
- understand written
- not at all

Learning preferences

45. How useful is the traditional teaching approach for you (course book, lectures in class, homework projects)?

Mark only one oval.

- 10 (very much)
- 9
- 8
- 7
- 6
- 5
- 4
- 3
- 2
- 1 (not at all)

46. How useful is the availability of video lectures?

Mark only one oval.

- 10 (very much)
- 9
- 8
- 7
- 6
- 5
- 4
- 3
- 2
- 1 (not at all)

47. How useful is the availability of online courses?

Mark only one oval.

- 10 (very much)
- 9
- 8
- 7
- 6
- 5
- 4
- 3
- 2
- 1 (not at all)

48. How useful is the availability of interactive demos?

Mark only one oval.

- 10 (very much)
- 9
- 8
- 7
- 6
- 5
- 4
- 3
- 2
- 1 (not at all)

49. How useful is learning based on practical projects?

Mark only one oval.

- 10 (very much)
- 9
- 8
- 7
- 6
- 5
- 4
- 3
- 2
- 1 (not at all)

50. Which ones would you prefer to learn from? (you can choose more than 1 answer)

Check all that apply.

- live lectures
 online lectures
 course books
 lecture notes/slides
 videos
 audiobooks
 demos

Other: _____

Extras

We are gathering some data for analysis in our data science courses, it will be very helpful if you provide us with some additional information:

51. Do you want to continue your education at university?

Mark only one oval.

- Yes
 No

52. Do you know what cyberbullying is?

Mark only one oval.

- Yes
 No

53. Has it ever happened to you?

Mark only one oval.

- Yes
 No

54. What is your height?

55. What is your eye color?

Mark only one oval.

- amber
- blue
- brown
- gray
- green
- hazel
- multiple (heterochromia)

56. What is your natural hair color?

Mark only one oval.

- blonde
- brunette
- red
- black

57. Which sport(s) do you prefer watching? (you can choose more than 1 answer)

Check all that apply.

- I do not watch sports.
- Football
- Basketball
- Handball
- Volleyball
- Tennis
- Running/athletics
- Gymnastics
- Cycling
- Combat sports (wrestling and martial arts)
- Snow sports
- Strength sports
- Swimming and other aquatic sports
- Motorized sports (auto or motorcycle racing)
- Mind sports (chess, cards, strategies)

Other: _____

58. Which sport(s) do you prefer playing? (you can choose more than 1 answer)

Check all that apply.

- I do not play sports.
- Football
- Basketball
- Handball
- Volleyball
- Tennis
- Running/athletics
- Gymnastics
- Cycling
- Combat sports (wrestling and martial arts)
- Snow sports
- Strength sports
- Swimming and other aquatic sports
- Motorized sports (auto or motorcycle racing)
- Mind sports (chess, cards, strategies)

Other: _____

59. Do you play chess?

Mark only one oval.

Yes

No

60. Do you play some team sport?

Mark only one oval.

Yes

No

61. Do you play some individual sport?

Mark only one oval.

Yes

No

62. How often do you play sports?

Mark only one oval.

daily

every couple of days

weekly

monthly

yearly

not at all

63. How often do you ride a bike?

Mark only one oval.

- daily
- every couple of days
- weekly
- monthly
- yearly
- not at all

64. What kind of bike do you ride? (you can choose more than 1 answer)

Check all that apply.

- City bike (I am commuting with my bike)
- Mountain bike
- Road bike
- Gravel bike / cyclocross bike
- Downhill bike

Other: _____

65. How often do you go swimming?

Mark only one oval.

- daily
- every couple of days
- weekly
- monthly
- yearly
- not at all

66. How often do you go hiking / trail running / mountaineering?

Mark only one oval.

- daily
- every couple of days
- weekly
- monthly
- yearly
- not at all

67. How often do you listen to music?

Mark only one oval.

- daily
- every couple of days
- weekly
- monthly
- yearly
- not at all

68. What is your favorite type of music? (you can choose more than 1 answer)

Check all that apply.

- Rock
- Pop
- Folk
- Turbo Folk
- Ethno
- Jazz
- Blues
- Classical
- Electronic
- Hip hop
- Funk
- Heavy metal

Other: _____

69. How often do you play music?

Mark only one oval.

- daily
- every couple of days
- weekly
- monthly
- yearly
- not at all

70. What musical instrument do you play? (you can choose more than 1 answer)

Check all that apply.

- Nothing at all
- Guitar
- Piano/Keyboard
- Violin
- Drums
- Saxophone
- Clarinet
- Other percussion
- Other wind
- Other stringed
- Other electronic

71. How often do you sing?

Mark only one oval.

- daily
- every couple of days
- weekly
- monthly
- yearly
- not at all

72. How often do you watch movies?

Mark only one oval.

- daily
- every couple of days
- weekly
- monthly
- yearly
- not at all

73. How often do you watch TV series?

Mark only one oval.

- daily
- every couple of days
- weekly
- monthly
- yearly
- not at all

74. What is/are your favorite movie genre? (you can choose more than 1 answer)

Check all that apply.

- Action
- Comedy
- Drama
- Fantasy
- Sci-Fi
- Animation
- Musical
- Horror
- Mystery
- Romance
- Thriller

Other: _____

75. What kind of art(s) is(are) your favorite(s)?

Check all that apply.

- I do not enjoy arts
- Painting and drawing
- Architecture
- Sculpture and modelling
- Literature and poetry
- Music
- Performing / Acting / Theatre
- Film / Cinema / TV

Other: _____

76. How proficient are you in Slovenian?

Mark only one oval.

- speak and understand
- understand spoken
- understand written
- not at all

77. How proficient are you in Serbian?

Mark only one oval.

- speak and understand
- understand spoken
- understand written
- not at all

78. How proficient are you in Macedonian?

Mark only one oval.

- speak and understand
- understand spoken
- understand written
- not at all

79. Do you speak other foreign languages?

Check all that apply.

- Spanish
- Italian
- German
- Russian
- Turkish
- French
- Mandarin Chinese
- Wu Chinese
- Hindi
- Bengali
- Japanese

Other: _____

This content is neither created nor endorsed by Google.

Google Forms