#### Dear readers,

In this issue, we dive into the rapidly evolving world of data science, exploring the latest trends and opportunities in this dynamic field. From the latest news and meetings in We Teach DATA project to practical tips for enhancing your data skills, our newsletter is your go-to source for staying ahead in data and STEM landscape.

Whether you're a seasoned professional or just starting your journey, we aim to provide valuable insights and resources to help you excel and achieve professional success. Join us as we navigate the fascinating intersection of data science and STEAM.

We wish you pleasant reading!



### **Data integration activities and** engaging lessons for middle school students

The School Box, developed by the We Teach Data project, will be available and freely accessible for students in grades 5-7 by the end of the month. The School Box is planned to include 36 lessons in four thematic areas:

- Living Nature
- Atom to space Substances & Chemical reactions
- Environmental protection

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### We Teach DATA face-to-face project meeting



On October 31 – November 1, RAABE Bulgaria hosted a partner meeting for the WE TEACH DATA – Inspire Teachers to Integrate DATA Science in STEM Subjects project. It was delightful for us to welcome colleagues and friends from Vetren (Pazardzhik region, Bulgaria), Larissa (Greece), Bratislava (Slovakia), and Porto (Portugal) to Sofia.

The autumn weather did not disappoint, and we managed to show our guests the beauty of our city and the majestic Vitosha Mountain in all their splendour. We also treated our guests to dishes from traditional Bulgarian cuisine.

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### **XXI National Competition in Natural Sciences and Ecology** (Bulgaria)

The XXI Bulgarian National Competition in Natural Sciences and Ecology took place in the city of Gabrovo from November 17 to 19, 2023. The host of the competition was the "Neofit Rilski" Primary School. Thirty-four projects, presented by over 50 students from across the country, reached the finals of the competition.

In Gabrovo, students presented their projects on current ecological issues, proposing solutions using natural sciences.

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The tech industry is focused on leveraging, organizing, and analyzing data, creating promising opportunities for those with data expertise. However, even those less skilled in data management can benefit from the growing number of high-paying data science jobs.

To be successful in the field of data science, you should be good in math and computer science in addition to soft skills centered around working constructively as part of a team. And now let's take a closer look at the most valuable skills to help you excel professionally in data.

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## **Breaking Barriers: UNESCO** advocates for Gender Equality in **STEM Education**

In a global effort to bridge the gender gap in STEM education, UNESCO is spearheading initiatives to ensure equal opportunities for all. Their recent work in the field sheds light on the importance of gender equality in STEM and the steps being taken to achieve it.

STEM fields have historically been maledominated, with women significantly underrepresented. UNESCO highlights the critical need to address this imbalance, not only because of equality but also for the advancement of science and innovation.

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