

HANNA STEPANOVA

hanna.stepanov@gmail.com
571-352-9382

www.linkedin.com/in/hanna-stepanova-a1236311a
<https://github.com/hannastep>

PROJECTS

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| Bike Share Project Analysis (R) | Jan.2024 – Mar. 2024 |
| <ul style="list-style-type: none">Analyzed a large dataset (over 5 million records), using R and SQL.Cleaned and preprocessed the data, removing outliers and handling missing values using statistical methods.Created insightful data visualizations using the ggplot2 library.Developed strategic solutions to increase the number of members based on the analysis. | |
| Bike Share Project Dashboard (My SQL, Tableau) | Nov. 2023 – Feb. 2024 |
| <ul style="list-style-type: none">Cleaned and preprocessed data using MySQL, including creating SQL queries for data analysis and ensuring data integrity.Filtered, grouped, and sorted data based on analytical needs.Utilized Tableau for data visualization, creating interactive dashboards.Formulated strategic recommendations based on the dashboard data. | |
| Travel Blog (HTML, CSS, JavaScript) | Oct. 2022 – Dec. 2022 |
| <ul style="list-style-type: none">Designed and developed a travel blog website from scratch.Created webpages using HTML and CSS, ensuring an appealing and user-friendly layout.Used JavaScript to collect and manage data, enhancing interactivity.Analyzed data using SQL to extract insights and optimize content for the blog. | |

SKILLS

- SQL:** MySQL Workbench; **HTML, CSS, JavaScript:** VS Code; **R:** RStudio; **Excel, Pivot Table:** MS Office; **Git:** GitHub Desktop; **Tableau;** GitHub.

EXPERIENCE

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| Russian School of Mathematics | Ashburn, VA |
| <i>Math teacher, Mentor, Math Olympiads Coordinator</i> | Jun. 2020 - current |
| <ul style="list-style-type: none">Developed and maintained an informational database with data from students who participated in math Olympiads, using PivotTable and PowerPointAnalyzed data to identify trends and patterns in student performance, created SQL queries to generate reports about student performance, collaborated with team members to develop new reporting tools.Visualized the students' progress and achievements using charts and graphs in Tableau.Mentored and trained over 20 new teachers in various subjects and grade levels to ensure they were prepared to work successfully as an educator in a diverse and challenging environment.Designed and presented individual and group professional development sessions for teaching staff on topics such as growth mindset, classroom management, curriculum design, and assessment strategies. | |
| Odessa National Academy of Food Technology | Odessa, Ukraine |
| <i>Lecture Assistant</i> | Jun. 2010 – Apr. 2013 |
| <ul style="list-style-type: none">Prepared individual lesson plans with extra practice materials to encourage students to go beyond the set curriculum.Evaluated student progress and supported recommendations for further student development. Maintained a friendly and professional relationship with students and their families. Responsible for the preparation and delivery of lectures and seminars. | |

CERTIFICATES

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| Google Data Analytics Professional Certificate, Coursera | Aug. 2023 – Feb.2024 |
| Participating in an online program that provides the skills and tools for data analysis, including spreadsheets, SQL, R programming, and Tableau. Learning how to clean, organize, analyze, and visualize data for various purposes and industries. Demonstrating proficiency in data analysis by creating a portfolio of projects using real-world data sets. | |
| Generation Junior Full Stack Java Developer Program | Jul. 2022 – Nov.2022 |
| Participated in a 15-week Junior Full Stack Java Developer program spending over 460+ hours learning the technologies involved to create a full stack web application with Java using Spring Boot Framework, HTML5, CSS3, implementing basic unit tests. | |

EDUCATION

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| Institute of Market and Economic & Ecological Research of the National Academy of Sciences of Ukraine. | Ukraine |
| <i>PhD in Economics</i> | Apr. 2015 |
| Odessa National Academy of Food Technology | Odessa, Ukraine |
| <i>Master of Accounting and Auditing</i> | Jun. 2010 |