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| Wrya Vakili | | | Karlskrona, Sweden  Tel: 0762432587  vrichvri@gmail.com |
| Professional Profile | | | |
| Experienced data and business analyst skilled in extracting actionable insights from complex datasets. Proficient in R&D, R, STATA, Python, and Power BI. Effective communicator, modeler, and adaptable problem solver. | | | |
| Profesional Experience | | | |
| **Research and Teaching Assistant at BTH university 2024-**  Working with researchers at the TIEK department, mostly in the tasks like teaching, modeling and statistical inference  **Data Analyst (RFA, Pooya, Cafeinno, Kargosha ) 2013- 2023**  Using different tools like R programing and Excel to take the meaning inside big data’s related to different problems, models and social & commercial perspectives. I have also used my background in mathematical modeling to analyze companies’ online performance, benchmark their competitor and role models.  R**&D expert (RFA, Pooya, Cafeinno, economicsgate, Kargosha ) 2020-2023** | | | | 2020-2023 |
| Studying and compiling newly emerged technologies for different industries like Mining, Insurance and Banking. Specifically, I have been working with companies to improve their digital maturity and prepare them for the new era of industry 4.0.  **Teaching Mathematics 2015-2023**  Teaching mathematics in universities like Iranmehr Institute, Payam Noor university and different high schools (Like Alborz High School) in Iran.  **Project Manager (Saze Azin Zanjan) 2009-2012**  I have been a coordinator and project manager for two engineering companies. One of them was a civil engineer consultant and the other was a supplier taking construction contracts.  **Business Analyst (RFA, economicsgate) 2017- 2023**  As a researcher, I have worked as an analyst for different companies; tackling their competitors pros and cons, benchmarking the best in the industry and compile their strategy, finding and transferring new technologies into the company’s processes and ….  **Digital Marketing Manager (RFA, Cafeinno, economicsgate) 2017- 2023**  I have been working for a lot of professional websites, social media accounts and blogs as their digital marketing advisor or manager. My role was to detect the customers or the audience desire and behaviors and modeling these qualities into marketing strategies. | | | |
| Education | | |  |
| **PhD. | Applied Mathematics (Azarbaijan Shahid Madani University, Tabriz, Iran) 2017-2021**  Modeling Actuary problems in uncertain environment and turning them into an optimization problem. Consulting a few insurance companies in the issues like catastrophe modeling and pricing insurance-related securities like CAT bonds. Average GRADE: 18.67  **MS. | Applied Mathematics (Azarbaijan Shahid Madani University, Tabriz, Iran) 2010-2012** | | | |
| Getting into the world of data science and operation research. Working with a construction company as a project management expert for over 2 years Average GRADE: 16.13 BSc| Applied Mathematics (Payame Noor University, Sanandaj, Iran) 2005-2009 Diving deep into the world of mathematics and educating my mind to see the world logically and through a step by step pattern. Average GRADE: 14.43 | | | |
| Skills | | | |
| * Python For DA * Teaching | * Research * Tech Consultant | * R, STATA, SQL * Microsoft Office, Latex, Power BI | |
| Activities | | | |
| Doing a lot of climbing, playing football and running. | | | |
| Languages | | | |
| **English**: Fluent  **Kurdish**: Mother Language  **Persian**: Formal Language  **Swedish:** KURS C SFI | | | |
| **References** | | | |
| **Shahiduzzaman Quoreshi shahiduzzaman.quoreshi@bth.se**  **Viroj Jienwatcharamongkhol viroj.jienwatcharamongkhol@bth.se** | | | |