



Anmol Soni

(Social)Data Scientist

Lutherse Burgwal, 18L, 2512CB, Den Haag, The Netherlands

✉ anmol_soni@outlook.com 🌐 www.sonianmol.com

☎ +31-623562077 🌐 a-soni 🐙 SoniAnmol

🇮🇳 Indian

📅 31 May 1994

About Me

Social data scientist with international experience in sustainable energy and policy advocacy. Core strengths include excellent communication and analytical skills with an understanding of socio-technical systems. I am looking forward to tackling complex multidisciplinary societal problems through data-driven decision-making.

Skills

Python
programming language



Data Analysis & Visualisation
Pandas, Matplotlib, Plotly



Project Management
MS-Projects



Systems Analysis and Modeling
ABM (MESA), System Dynamics



Version Control
Git & GitHub



Microsoft Office
Word, Excel, etc.



Web Scraping
BeautifulSoup & Selenium



Language

English
Proficient



Hindi
Native speaker



Dutch
Learning



Education

TU Delft

Aug 20-Aug 22

MSc. Engineering and Policy Analysis (Honours)

- Specialised in **Modelling and Simulation** of complex adaptive systems.
- Acquired key **Data science**, analytics, **policy analysis** and actor strategy skills.
- Followed the Honours track with a focus on **strategic problem-solving**.

WWF | NLU

Delhi, India

Sep 19-Sep 20

P.G. Diploma in Environmental Law and Policy

- Developed insights into the global environmental and sustainability policy discourse.
- Learnt **legal and policy frameworks** for addressing cross-border environmental conflicts.

R.T.M.

Nagpur

University

Jul 11-Jul 15

Bachelor of Mechanical Engineering

- Graduated with **First Division**.
- Published a white paper on taking a **systems approach** to improve the efficiency of a flux production unit in Nagpur.

Work Experience

Croonwouter

&dros

Feb 22-Aug 22

Energy Modeling Intern

- Developed an **agent-based model** of two energy communities for performing virtual experimentation and supporting **decision-making under uncertainty**.
- A two-step policy plan was formulated to reduce grid dependence through demand response and behind-the-meter storage in Dutch energy communities.

TPM

Resilience

lab

Apr 21-Feb 22

Research Assistant – Spatial (GIS) Analysis

- Worked on the EU's HERoS project focused on improving **urban resilience** and **devising practical advice** to improve crisis governance during pandemics.
- Curated location data and performed **spatial analysis** to create a simulation model of the Hague.
- Presented key findings at the International Conference of Computational Social Science 2021.

Bask

Research

Foundation

Jun 18-Jul 20

Research Associate – Energy Policy

- Implemented the **systems thinking** approach to increase consumer participation in the electricity tariff determination in Rajasthan, India.
- Led multiple **research-driven** projects to improve **regulatory governance** in electricity distribution in coordination with local DSOs.

Boond

Dec 16-Nov 17

Design Engineer – Solar Microgrids

- Electrified 300 households through solar microgrids in Uttar Pradesh and Rajasthan, India.



Anmol Soni

(Social)Data Scientist

Lutherse Burgwal, 18L, 2512CB, Den Haag, The Netherlands

✉ anmol_soni@outlook.com 🌐 www.sonianmol.com

☎ +31-623562077 🌐 a-soni 🐙 SoniAnmol

🇮🇳 Indian

📅 31 May 1994

Interdisciplinary Projects

RIVM
Dec 21-Feb 22

QCONNECT: Adoption of circularity in the Dutch automotive industry

- Developed an agent-based model for evaluating and **exploratory analysis of circular policies** in the Dutch automotive sector.

Dentatus
Nov 20-Nov 21

Integration of geothermal energy in Waalhaven area of Rotterdam

- Led an **interdisciplinary** team of three students for creating a strategic roadmap for the integration of geothermal energy in Waalhaven, Rotterdam.
- Performed **multi-criteria decision-making** and conducted risk & **uncertainty analysis** for maximising the co-benefits.
- Demonstrated effective **leadership** and **communication** skills rooted in appreciation and respect in a **diverse multi-cultural team**.

Co-curricular Courses

March 2022

Intangible Matter of Spaces

Alta Scuola Politecnica

- Gained insights into **impact investing**, **co-creation** and value generation through commons.
- Hands-on experience in **investment pitches**, **stakeholder engagement** and **negotiations**.

November 2019

Energy Economics and Policy

Indian Institute of Technology

- Learned **macro economics** principles governing demand management and policy regime in the electricity sector.

November 2019

Python for Data Science

Indian Institute of Technology

- Learned basics of python programming for **data analysis** and **visualisation**.

December 2018

Energy Efficiency in Emerging Economies

International Energy Agency

- Gained international insights into planning and implementing energy efficiency policies in emerging economies.

Extracurricular | Volunteering

Feb 22-Aug 22

TPM Faculty Ambassador

Delft Global Student Club

- Enhanced **communication skills** by promoting research opportunities in the global south across the TPM Faculty.
- Held an **editorial position** for publishing the quarterly magazine of the student club.

Nov 20-Nov 21

Treasurer | Convenor Events Committee

Dentatus

- Worked with a team of motivated students and managed the account of the study association.
- Organised social events for rebuilding the community feeling in cohort amidst the COVID lockdown.