



Dr. Jayesh K. Gupta is the founder and CEO of Silurian AI, a Washington-based company pioneering large scale AI foundation models for the physical world to address some of the most critical challenges facing our planet. Silurian's flagship technology, the Generative Forecasting Transformer (GFT), is a frontier weather foundation model delivering state-of-the-art weather forecasts hours earlier than other operational systems. By combining global and hyper-local data, GFT empowers industries and communities to

improve their decision making for weather impacts.

Before founding Silurian, Dr. Gupta co-led the creation of the first foundation model for weather and climate, ClimaX, and helped build the largest open-source foundation model for Earth systems, Aurora, during his tenure at Microsoft. He has been working on enabling better data-driven simulations of the physical world for the past eight years. He received his Ph.D. in Computer Science from Stanford University in 2020.