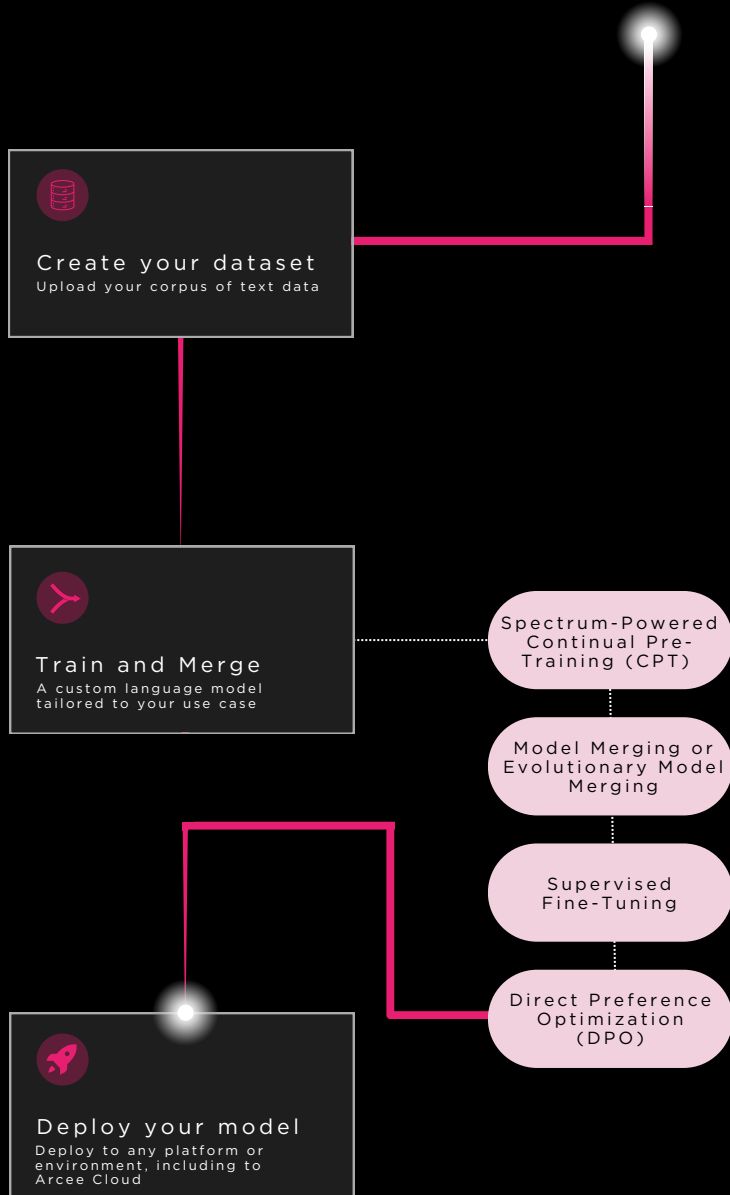Arcee AI believes in a world in which every organization
- builds their own specialized AI on top of open source general intelligence
- maintains ownership of their models
- leverages Model Merging to efficiently create the most accurate models.

We're making that world a reality with our end-to-end system for merging, training, and deploying Small Language Models (SLMs) that you own and that are adapted to your domain and data.

Our solution is user-friendly and enables seamless deployment to any cloud or platform for inference.

Merge, Train, & Deploy in a few clicks

Create your dataset
Upload your corpus of text data

Train and Merge
A custom language model tailored to your use case

Deploy your model
Deploy to any platform or environment, including to Arcee Cloud

Spectrum-Powered Continual Pre-Training (CPT)

Model Merging or Evolutionary Model Merging

Supervised Fine-Tuning

Direct Preference Optimization (DPO)

Our unique **Model Merging** and training routines, which incorporate Spectrum, make it easy & fast to train a domain-adapted language model – while also dramatically reducing the training & deployment costs (as much as 90% compared to conventional RAG and closed-source GPT models).

As the latest advancement in LLM training techniques, **Spectrum** ensures innovative and efficient model training:
- It optimizes resource usage, making training at least 2x faster and 2x cheaper.
- It enhances model accuracy by producing highly precise models with fewer iterations, aligning with full Continuous Pre-Training (CPT).

Additional advantages of our Model Merging-based training:
- it mitigates catastrophic forgetting
- it combines the "brains" of two LLMs, which can boost task performance higher than in the input models
- Since it significantly reduces training costs, you can afford to re-train your model as needed – using your updated data or the latest open-source LLMs.

Our platform **streamlines your MLOps**, taking you from dataset, through merging and training, to deployment and re-training – all in an easy-to-use UI.

We deliver Arcee AI via **two platforms**:
• Arcee Cloud: hosted SaaS
• Arcee Enterprise: deployed in your VPC (for organizations needing the highest level of data security).