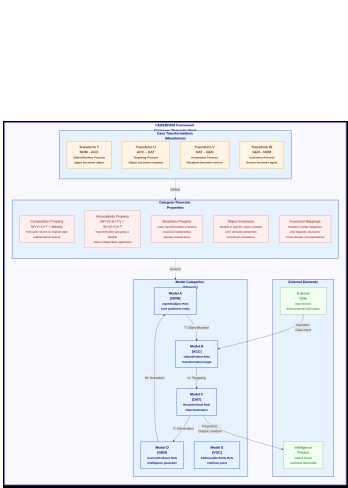


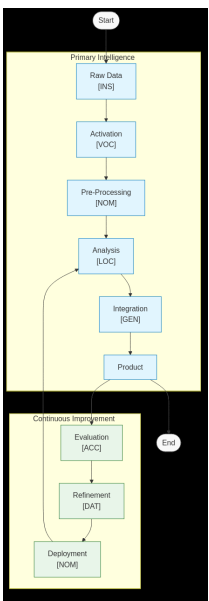
CEREBRUM: Case-Enabled Reasoning Engine with Bayesian Representations for Unified Modeling

Author: Daniel Ari Friedman • DOI: 10.5281/zenodo.15170908

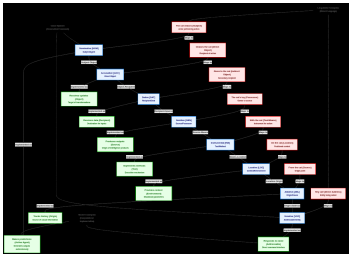
The Case-Enabled Reasoning Engine with Bayesian Representations for Unified Modeling (CEREBRUM) provides a robust framework for leveraging case studies within computational cognitive science, combining Bayesian inference with structured knowledge representations. CEREBRUM enables researchers to model complex cognitive phenomena by integrating empirical evidence, theoretical constructs, and computational mechanisms into a unified system, facilitating the advancement of active inference theories and applications.



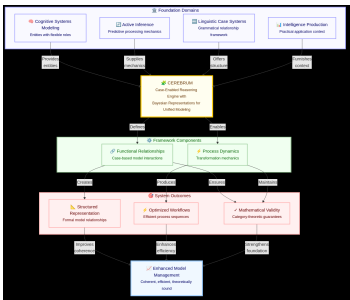
Figure_7



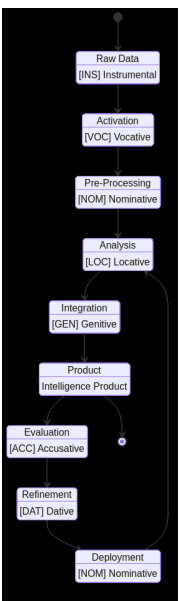
Figure_12



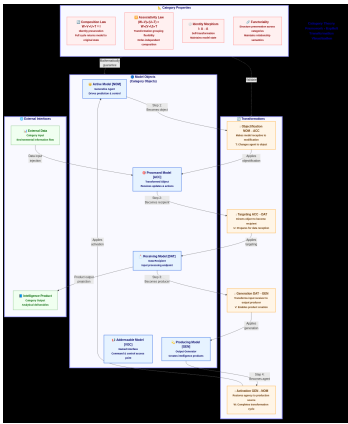
Figure_2



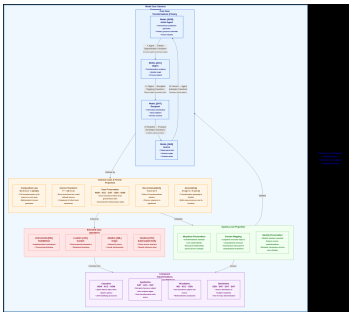
Figure_1



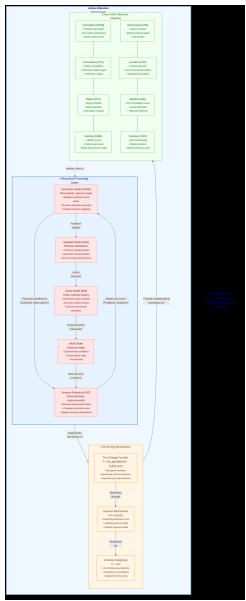
Figure_11



Figure_8



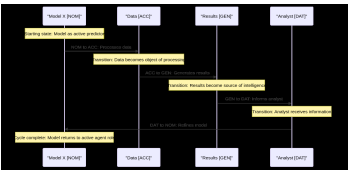
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Figure_13



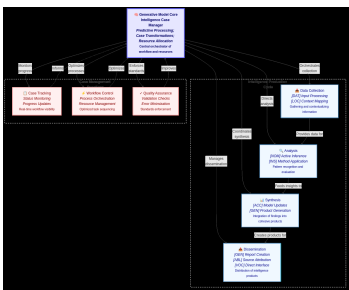
Figure_6



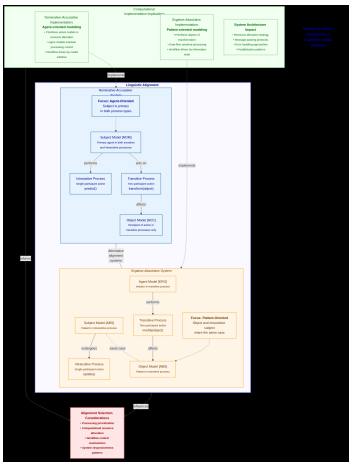
Figure_5



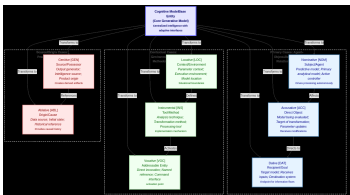
Figure_14



Figure_4



Figure_9



Figure_3



Figure_10