

Application	Area	Aspects of Collective Intelligence	Aspects of Artificial Intelligence
Safecity	Public sector, NGO	<ul style="list-style-type: none"> • Crowdsourced reporting • Community discussion and initiatives 	<ul style="list-style-type: none"> • Predictive analytics • Sentiment analysis
Ushahidi	Public sector, NGO	<ul style="list-style-type: none"> • Crowdsourced crisis information • Community reporting 	<ul style="list-style-type: none"> • Machine learning • Natural language processing
Bluenove	High Tech (software)	<ul style="list-style-type: none"> • Open consultation • Collaborative ideation 	<ul style="list-style-type: none"> • Natural Language Processing • Emotion analysis
Figure Eight	High Tech (software)	<ul style="list-style-type: none"> • Crowdsourced annotation 	<ul style="list-style-type: none"> • Machine learning • Automated Workflows
Civil War Photo Sleuth	Media, telecommunication, entertainment, hospitality	<ul style="list-style-type: none"> • Crowdsourced Identification • Collaborative research 	<ul style="list-style-type: none"> • Facial recognition • Image analysis
Bellingcat	Media, telecommunication, entertainment, hospitality	<ul style="list-style-type: none"> • Crowdsourced investigation • Community collaboration 	<ul style="list-style-type: none"> • Multi-modal data analysis • Pattern recognition
Litterati	Energy, natural resources	<ul style="list-style-type: none"> • Crowdsourced litter data • Community engagement 	<ul style="list-style-type: none"> • Computer vision • Predictive modeling
eBird	Energy, natural resources	<ul style="list-style-type: none"> • Crowdsourced bird observations • Peer review and validation 	<ul style="list-style-type: none"> • Computer vision • Predictive modeling
Kialo Edu	Education and academia	<ul style="list-style-type: none"> • Structured debates and discussions 	<ul style="list-style-type: none"> • Natural language processing • Sentiment analysis • content recommendation
Zooniverse	Education and academia	<ul style="list-style-type: none"> • Crowdsourced research • Collaborative data analysis 	<ul style="list-style-type: none"> • Machine learning classification • Pattern recognition
Human Dx	Healthcare	<ul style="list-style-type: none"> • Crowdsourced medical expertise • Collaborative problem-solving 	<ul style="list-style-type: none"> • Pattern recognition • Data analytics
CrowdEEG	Healthcare	<ul style="list-style-type: none"> • Collaborative annotation 	<ul style="list-style-type: none"> • Machine learning training • Predictive modeling
Numerai	Financial services	<ul style="list-style-type: none"> • Crowdsourced predictions • Community collaboration 	<ul style="list-style-type: none"> • Ensemble Learning • Predictive Analytics
CryptoSwarm AI	Financial services	<ul style="list-style-type: none"> • Crowdsourced market insights • Swarm intelligence • Community feedback 	<ul style="list-style-type: none"> • Swarm AI • Predictive modeling • Automated alerts

MarineTraffic	Supply Chain, Real Estate	<ul style="list-style-type: none"> • Crowdsourced Vessel Tracking • Community Contributions • Data Sharing 	<ul style="list-style-type: none"> • Automatic Identification System (AIS) Data Analysis • Object detection • Predictive Analytics
Waze	Supply Chain, Real Estate	<ul style="list-style-type: none"> • Crowdsourced Traffic Data • Community Editing and feedback 	<ul style="list-style-type: none"> • Route Optimization • Personalized Recommendations • Voice assistant integration • Predictive Analytics
WeFarm	Agriculture	<ul style="list-style-type: none"> • Crowdsourcing advice • Knowledge sharing • Problem-solving 	<ul style="list-style-type: none"> • Automated matching • Personalized recommendations • Natural language processing
Mercy Corps AgriFin	Agriculture	<ul style="list-style-type: none"> • Community-driven peer learning • Knowledge sharing 	<ul style="list-style-type: none"> • AI imagery • Data analytics and modeling • Recommendation algorithm

Table S2: Summary of CI and AI aspects of various application examples.