Open Source tools ratings and recommendation

READY

The table below covers ratings for the various open source tools suggested for the various features required for the portal.

Portal Feature	Criteria/ Tool Name	Feature /Scope coverage (25%)	User feedback (20%)	Documentation (15%)	Support from Open source community (10%)	Integration and deployment (10%)	Scalability /Extensibility (10%)	Integration with kubernetes (10%)	Overall Rating
Search	Apache Solr	5	4	4	5	4	5	4	4.5
	Elasticsearch	5	4	5	5	5	5	5	4.8
	Open Semantic Search	4	4	5	4	4	5	1	4
Dashboard /status	Grafana	5	4	5	5	4	5	5	4.7
	Kibana	5	5	5	5	4	5	5	4.9
	Dashing	4	4	5	3	4	4	1	3.8
Workflow Engine	bonitasoft	4	4	5	3	5	4	3	4.1
	JBPM	5	4	5	5	5	4	5	4.7
	Camunda BPM	5	5	5	5	4	5	5	4.9
API Gateway	Kong	5	5	5	5	3	4	5	4.7
	Express Gateway	5	4	5	3	5	4	5	4.5
	TYK	5	5	5	4	4	5	4	4.7
	Istio	5	4	5	5	5	5	5	4.8
Analytics	Apache Spark	5	4	5	5	5	4	5	4.7
	H2O	5	5	4	5	4	4	5	4.7
	KNIME	4	4	4	3	4	4	4	3.9
	Kibana (Paid version)	5	5	5	5	4	5	5	4.9
Analytics Input	Logstash	5	4	5	5	5	5	5	4.8
	Graylog	5	4	4	5	4	4	4	4.4
	Streamsets Data Collector	5	4	5	3	4	5	5	4.5
Notifications	Prometheus Alertmanager	5	5	5	5	4	4	5	4.8
	Cabot	5	4	5	4	4	4	3	4.3

Rating	Definition
5	Highly recommended
4	Fairly Recommended
3	Average recommendation
2	Least recommended
1	Not recommended

References:

1. https://www.gartner.com/reviews/home
2. https://github.com/
3. https://www.capterra.com/
4. https://www.itcentralstation.com/