

Project Development Phase Model Performance Test

Date	10 November 2022
Team ID	PNT2022TMID01632
Project Name	Project - SMART-LENDER
Maximum Marks	10 Marks

Model Performance Testing:

Project team shall fill the following information in model performance testing template.

S.No.	Parameter	Screenshot / Values																																										
1.	Dashboard design																																											
2.	Data Responsiveness	FAST (FLASK API CALLS) 3 ms average																																										
3.	Amount Data to Rendered (DB2 Metrics)	MEDIUM 50 calls to db per second																																										
4.	Utilization of Data Filters	NIL																																										
5.	Effective User Story																																											
6.	Descriptive Reports	<table border="1"> <caption>German AUC and German ACC Data</caption> <thead> <tr> <th>Model</th> <th>German AUC</th> <th>German ACC</th> </tr> </thead> <tbody> <tr><td>ELML</td><td>0.76</td><td>0.76</td></tr> <tr><td>ANN</td><td>0.76</td><td>0.74</td></tr> <tr><td>SVM</td><td>0.77</td><td>0.75</td></tr> <tr><td>LR</td><td>0.78</td><td>0.75</td></tr> <tr><td>CART</td><td>0.72</td><td>0.70</td></tr> <tr><td>MLP</td><td>0.74</td><td>0.74</td></tr> <tr><td>K-NN</td><td>0.69</td><td>0.73</td></tr> <tr><td>NB</td><td>0.69</td><td>0.73</td></tr> <tr><td>RF</td><td>0.72</td><td>0.77</td></tr> <tr><td>C4.5</td><td>0.69</td><td>0.74</td></tr> <tr><td>Adaboost</td><td>0.69</td><td>0.72</td></tr> <tr><td>Bagging</td><td>0.78</td><td>0.75</td></tr> <tr><td>Decorate</td><td>0.76</td><td>0.75</td></tr> </tbody> </table>	Model	German AUC	German ACC	ELML	0.76	0.76	ANN	0.76	0.74	SVM	0.77	0.75	LR	0.78	0.75	CART	0.72	0.70	MLP	0.74	0.74	K-NN	0.69	0.73	NB	0.69	0.73	RF	0.72	0.77	C4.5	0.69	0.74	Adaboost	0.69	0.72	Bagging	0.78	0.75	Decorate	0.76	0.75
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