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BARCELONATECH

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Study of efficient numerical tools for Machine Learning

Document:

Budget

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BACHELOR FINAL THESIS

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1 Introduction

The aim of this document is to present the associated costs of the project "Study of efficient numerical tools for Machine Learning". The budget is divided in fees related to the hours of work, and cost of the tools used.

In order to do a better estimation, the hours of work have been assigned for each of the different parts of the project, and the cost of the tools used has been calculated proportional to the hours of use.

Budget

The indirect costs are estimated as 20% of the direct costs. The mean hourly cost of the activities has been set to 12€/h.

BUDGET			
Activity Fees	Duration [h]	Cost/hour [€/h]	Cost [€]
Administrative Procedures	3	12	36
Organization			
Index	3	12	36
Planning	15	12	180
Software training	15	12	180
General documentation	4	12	48
Project charter	25	12	300
Subtotal	62	-	744
Development			
State of the art	25	12	300
Research	100	12	1200
Code programming	160	12	1920
Simulations and interpretation	50	12	600
Conclusions	5	12	60
Subtotal	340	-	4080
Preparation of the documents			
Report	120	12	1440
Budget	5	12	60
Annexes	25	12	300
Presentation	15	12	180
Subtotal	165	-	1980
Others			
Meetings	20	12	240
Formalities	10	12	120
Subtotal	30	-	360
TOTAL FEES	600	-	7200
Software	Duration [mth]	Cost [€/year]	Cost [€]
Matlab	6	250	125
Microsoft 365	6	69	34.5
TOTAL SOFTWARE	-	-	159.5
INDIRECT COST (20% of direct cost)	-	-	1471.9
TOTAL	-	-	8831.4

Table 1 Project's budget