Creating Value for business in terms of financial returns of business

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| **Input** | **Processing** | **Output** |
| Investment  interest Rate  nrOfYears | returnsOnInvestments = investment x interestRate x nrOfYears  or  investment(1 + interestRate) | returnsOnInvestment |
| itemSellingPrice  quantityOfItemSold  costPrice?(maybe, any thoughts on it) | revenue= itemSellingPrice x quantityOfItemSold | revenue(per product also ?) |
| revenue  costOfSales | grossprofit= revenue - costOfSales | grossprofit |
| expenses (water&water&electricity/telephone/carriage outward)  grossprofit | netprofit= grossprofit -expenses | netprofit |

Modules :

* calculate\_returnsOnInvestment.
* calculate\_revenue.
* calculate\_grossprofit.
* calculate\_netprofit.
* Should we add a function that uses itemID system to know which item has been sold(this idea seems complicated ) or this code for each item separately

logic of the mainline using the algorithm(algorithm)