## Name

FlinkNote

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## The current problem to solve

In most of the existing distributed data-intensive systems, especially Flink Streaming, only provided rich imperative code make developers or users less productive to build a big data applications when compared to build a traditional database application

* Non-standard: Each framework has a different set of API so that developers must learn how to use its API properly to take the advantage of the framework. Probably those API is not standardised. Therefore, developer even take long time to master it.
* Less Compact and Optimisation: given that most big data applications are fairly simple application-wise, a block of API codes might be less optimal to use for most the popular queries. In addition, the imperative code is usually more complicated and less compact than other declarative language such as SQL
* Interaction: During development cycle, developer usually compile the source code and working on command line which is less interactive and definitely not friendly
* Collaboration and Sharing: Only way to share your work is to pack it to a library or publish a service. Moreover, to collaborate with your colleagues simultaneously, you have no choice but sitting in front of a same machine.

Data Artisans

## About the company and product:

***Data Artisan***: a spin-off company from Techinische Universitat Berlin, Germany. The founder team has a high level of expertise in distributed data-intensive system. They are aiming to develop the next generation technology of Big Data Analytics and Processing via Apache Flink

***Apache*** ***Flink***: is a top-level project of the Apache Software Foundation with a community of over 100 contributors from industry and academia. Flink is an open source system for expressive, declarative, fast, and efficient Big Data analysis. It originates from EU-granted Stratosphere project since 2000s

***Flink Notebook***: an interactive , collaborative web-based environment inspired by iPython Notebook and Google Docs. Flink Notebook allows to build an analytics application on Flink easier and more productive in a very friendly way.

## The market need, customer segment:

***Flink Notebook***

***Flink Notebook***

## Competitors, and how to compete with them:

## Partners (suppliers, main buyer, way of cooperation):

## History, references, prior results:

## Explanation (technology, others - for those not being professional)

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## Alternative to grow (size of capital, other resources, timing, manpower, etc.):

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company name

| Description | Quantity | Unit Price | Cost |
| --- | --- | --- | --- |
| Item 1 | 55 | HUF 100 | = B2\*C2 \# "HUF ,0;(HUF ,0)" \\* MERGEFORMATHUF 5 500 |
| Item 2 | 13 | HUF 90 | = B3\*C3 \# "HUF ,0;(HUF ,0)" \\* MERGEFORMATHUF 1 170 |
| Item 3 | 25 | HUF 50 | = B4\*C4 \# "HUF ,0" \\* MERGEFORMATHUF 1 250 |
|  |  |  |  |
| Total |  |  | = SUM(D2:D5) \# "HUF ,0" \\* MERGEFORMAT**HUF 7 920** |