Software development by the numbers Adnan Fiaz Data Scientist, Mango Solutions Email afiaz@mango-solutions.com

There are numerous software development methods out there and the evolution of these methods still continues. However, this evolution has not yet embraced data or employed analytics.

EMBRACING DATA

The software development process is a rich source of data. We often generate data with most business processes but rarely do we store it or store it in a structured format.

EMPLOYING ANALYTICS

Data on its own won't improve your process, but using data to employ analytics can. Depending on the process step there are different use cases.



SUMMARY: Regardless of the software development methodology used, data is generated at every stage in the development cycle. This can be structured data (in the form of code, commits or tasks) or unstructured data (in the form of requirements). Either way its data that we can use to improve our process.

When it comes to developing software this improvement means planning more efficiently, writing better code, preventing bugs or build failures, and delivering satisfying software products.



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