The Challenge:
Data Science and analytics are mainly applied on customer-related processes. But what if we apply these instruments internally, on our organizational data? What insights can we gain?

Background:
The traditional industries transform into digital companies. Today’s core product will tomorrow be just an enabler for additional digital services which will create most of the revenue. IT departments transform from pure service and infrastructure providers into innovative creators of end-customer products. Current steering systems, which are the basis for the CIO’s decisions, are KPI and cost based. This only reflects the view on the IT as a supporting function and therefore a merely costly. This doesn’t reflect the digitalization of the business and the new role of the IT department within the company. CIOs need new steering systems, using state-of-the-art methods to proceed and present the data.

We, as the Future of Technology division of Capgemini Invent, advice CIO’s in strategic questions and daily operations. We target with this IDP the evaluation of future steering methods for CIO’s.

Our Goal:
With this IDP, we will create an analytic dashboard for executives to help them steering the IT department of the future. We are free in format and result, as we want you to think out of the box and show what is technically possible in an ‘ideal’ environment. We will propose a technology stack and give further insights and recommendations to support you as the leader of the project. All relevant data and input which is needed for data science purposes will be provided by Capgemini.

Deliverables:
- A Database including the given input data
- A data-science service
- Optional: A frontend in form of a webpage linked towards the data-science service

We will define all the deliverables in more detail in a joint workshop.
You / the IDP team:

- Ideally 2-4 persons with an advanced background in IT and a basic business understanding
- Strong analytical skills and motivation to create something completely new
- Coding skills within our planned technology stack:
  - Databases: Basic skills in mySQL, mongoDB
  - Data Science: Python (esp. Pandas, NumPy, Scikit-learn)
  - Visualization & Front-end: Python (esp. bokeh, matplotlib), basic JavaScript
- Understanding of microservices
- Open for agile working methods

Our offer:

- Guidance from our consultants and management
- Independent and result-focused working style
- Gain insights in Capgemini Invent - one of the largest consulting companies worldwide...

....and yes, we also HIRE!

How to get in touch:

If you want to join our team, send us your CV and a short letter of motivation with your performance records in English or German.

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About Capgemini Invent:

https://www.capgemini.com/service/invent/future-of-technology/
About Capgemini

A global leader in consulting, technology services and digital transformation, Capgemini is at the forefront of innovation to address the entire breadth of clients’ opportunities in the evolving world of cloud, digital and platforms. Building on its strong 50-year heritage and deep industry-specific expertise, Capgemini enables organizations to realize their business ambitions through an array of services from strategy to operations. Capgemini is driven by the conviction that the business value of technology comes from and through people. It is a multicultural company of over 200,000 team members in more than 40 countries. The Group reported 2018 global revenues of EUR 13.2 billion.

Learn more about us at www.capgemini.com