Data Science in Chemical Engineering

Tutorial 1: Freelancing in Data Science

Eng/ Samer Hany

Fall 23

Data Science in Chemical Engineering – Petrochemical Process Systems Engineering Program (PPS) – Faculty of Engineering – Cairo University
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OUR TEAM

Teaching Staff

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Agenda

FREELANCING IN DATA SCIENCE

- Freelancing
- Popular Platforms
- How it works
- Tips & Tricks

FREELANCING

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Freelancing

WHAT IS FREELANCING?

- Doing specific work for clients without committing to full-time employment.

- Freelancing is a form of self-employment.

- Freelancers often take on multiple projects with different clients simultaneously.

- Freelancers handle contract work on a part-time or full-time basis and often sign agreements before starting projects.

Freelancing

PROS

- Flexibility
- Choice of clients and projects
- Setting your own rates
- Improved skillset
- Exposure to global brands

Freelancing

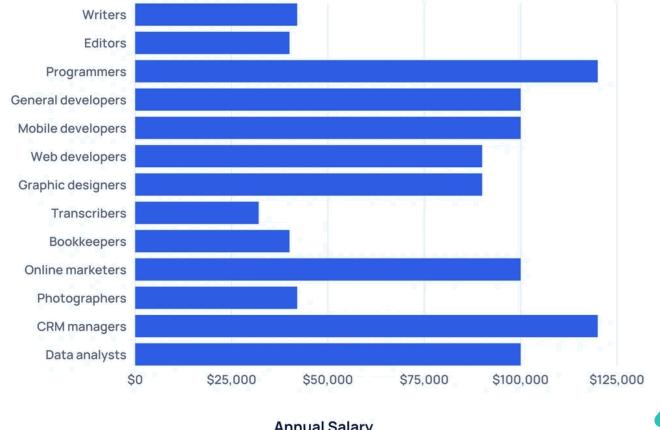**CONS**

- Isolation
- Uncertain job security
- Administrative responsibilities
- No employer-funded benefits

Freelancing

QUICK STATS

- Approximately **1.57** billion people in the global workforce are freelancers.

- Worldwide, the average freelancer earns **$21** per hour.

- **71%** of the employees in the United States are planning to freelance in 2023.

- Google has more freelancers (**54%**) than Permanent workers (**46%**).

- Generation Z (*That's you!*) chooses freelancing in **53%** of cases.

Freelancing

Average annual earnings for the most popular freelancing activities

Source: https://explodingtopics.com/blog/freelance-stats

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Freelancing

FURTHER READINGS:

- https://www.upwork.com/resources/what-is-freelancing
- https://explodingtopics.com/blog/freelance-stats
- https://www.demandsage.com/freelance-statistics/
- https://egfwd.com/freelancing/

POPULAR PLATFORMS

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Popular Platforms

ARABIC PLATFORMS

Popular Platforms

INTERNATIONAL PLATFORMS

HOW IT WORKS

How It Works

1	2	3	4	5
Create an account	Build your profile	Get discovered	Start working	Get Paid

How It Works

CREATE AN ACCOUNT

- Pick a freelancing platform and visit their home page

- Find the "sign up" section

- You might need to select account type as "freelancer"

- Some website ask for a CV

- Upload a scan of your valid ID (preferably passport)

- Complete your profile by adding your skills, experience, and portfolio

- Set up your payment method and billing information

How It Works

BUILD YOUR PROFILE

- Complete all the available fields:
  - Personal information
  - Skills
  - Experience
  - Portfolio

- Make it visually appealing:
  - Profile picture
  - Cover picture
  - Portfolio pictures

- Write a descriptive title with your specialization

How It Works

GET DISCOVERED

- Find your target audience and platform
- Network with other freelancers
- Market yourself (network, social media, on-platform)
- If the platform is gig-based, share and promote your gigs
- If the platform is bid-based, write great proposals

How It Works

START WORKING

- Clearly define the project scope (deliverables, timeline, budget)
- Always communicate with your client
- Breakdown the project into smaller tasks and set realistic deadlines
- Use a project management tool to track your progress
- Get feedback from your client throughout the process to ensure you are aligned to the same end goal

How It Works

GET PAID

- Verify your account

- Choose a payment service (PayPal & Payoneer are the most common for Egypt) and create an account to receive payments

- Link your bank account to your payment service account:
  - Payoneer is linked using the bank account number (or IBAN)
  - PayPal is linked through a Visa card (you can't receive money through a MasterCard card)

How It Works

FURTHER READINGS

- How To Become a Freelancer in 2023: The Complete Guide | Upwork

- Tips for new freelancers | General | Freelancer Support

TIPS & TRICKS

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Tips & Tricks

TIPS & TRICKS

- Check top-rated freelancers in your field
- Market yourself
- Productize your services
- Invest in your skillset

Thank you

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