

# Module 4.2

Introduction

# Teaching Sessions

- Python brushup and Docker
- Virtualisering (Azure)
- Python, Web Service API
- Distributed systemer
- Machine Learning
- AI - (Deep Learning)
- IT architecture & Microservice
- IT security

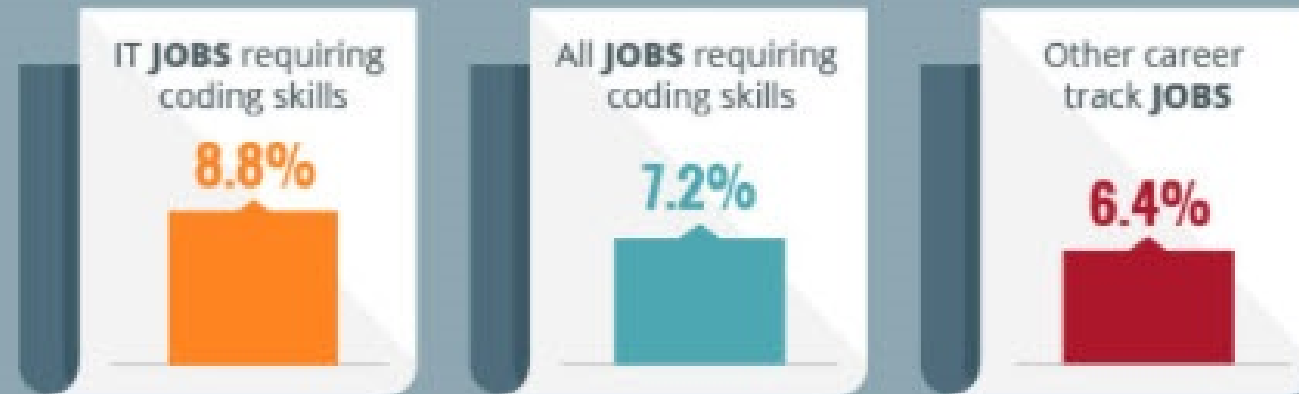
**CODING**

# CODING JOBS ARE GROWING FASTER



Coding jobs are projected to grow faster than other jobs over the next 10 years.

## PROJECTED 10-YEAR GROWTH





# CODING JOBS PAY MORE

Jobs requiring coding skills pay  
**\$22,000** more per year than other  
career track jobs.\*

## AVERAGE SALARY PER YEAR

Jobs requiring  
coding skills

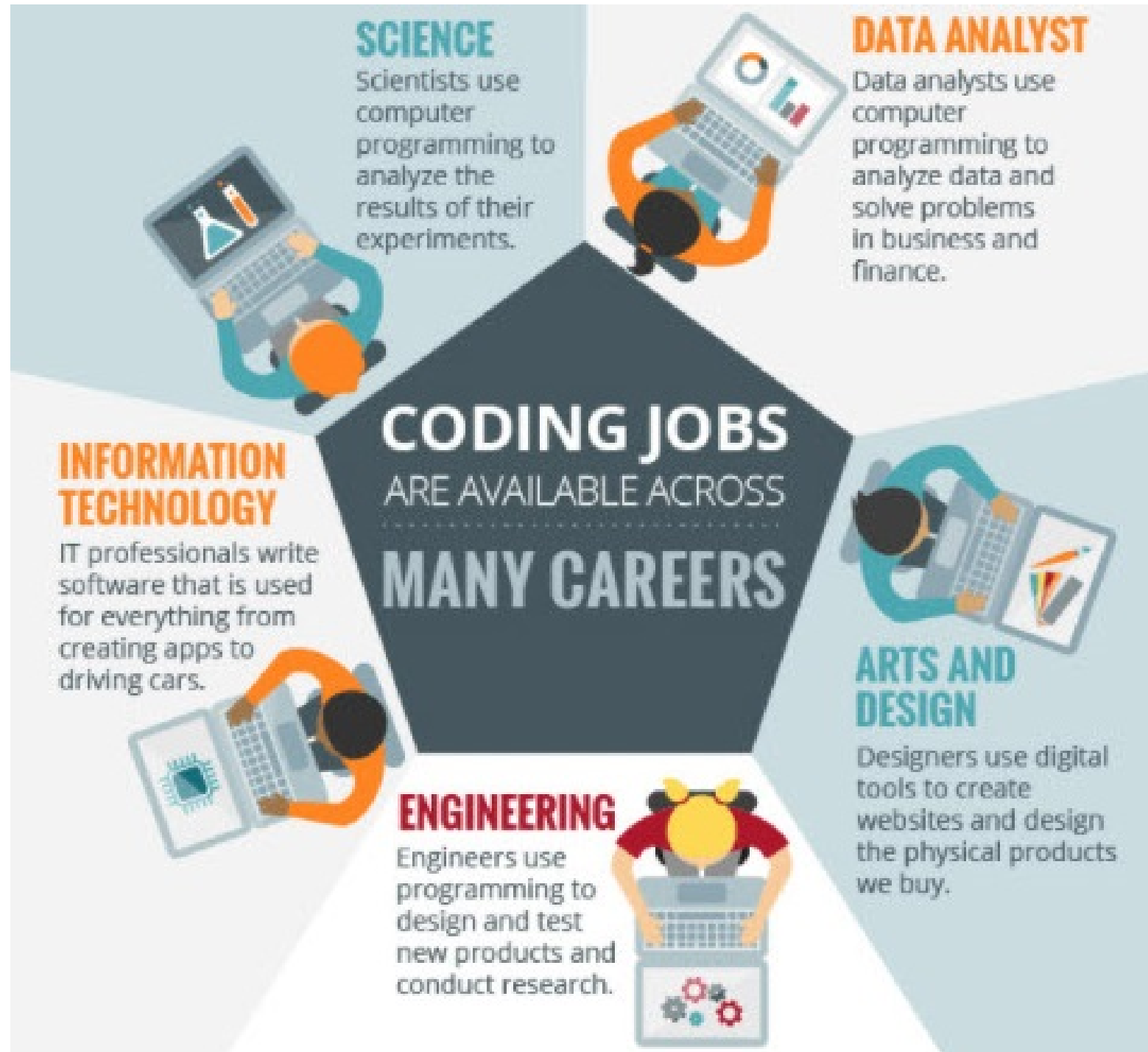


**\$84K**

Other career  
track jobs



**\$62K**



# AZURE

The cloud for space stations, startups, and everything in between.



Azure Database for  
MySQL servers



Azure Workbooks



Virtual machines



IoT Hub



App Services



# GitHub

Millions of developers and companies build, ship, and maintain their software on GitHub — the largest and most advanced development platform in the world.

# Jupyter Lab

JupyterLab is the latest web-based interactive development environment for notebooks, code, and data

# DOCKER

Developers Love Docker - Businesses Trust It - Build safer, share wider, run faster