

Goals	Success Criteria	Actions	Resources	Support	Timing
<b>Goal 1: Apply OOP concepts in a workplace demonstrator project</b>	<ul style="list-style-type: none"> <li>At least one working demonstrator built</li> <li>Peer feedback</li> <li>Number of times demonstrated to other teams and clients</li> </ul>	<ul style="list-style-type: none"> <li>Implement testing best practices using <i>unittest</i> or <i>pytest</i> libraries</li> <li>Implement inheritance, encapsulation and polymorphism</li> <li>Create solution designs and models using UML or similar language</li> </ul>	<ul style="list-style-type: none"> <li>Work GitHub account</li> <li>Python development environment on a cloud platform provider (GCP, Azure, AWS)</li> </ul>	<ul style="list-style-type: none"> <li>Work peers</li> <li>Work mentors</li> <li>Work interest groups</li> </ul>	In the next 3 months
<b>Goal 2: Complete Advanced Python OOP Courses</b>	<ul style="list-style-type: none"> <li>Number of courses completed</li> <li>Number of books read, and exercises completed</li> <li>Size of learning GitHub repository</li> </ul>	<ul style="list-style-type: none"> <li>Complete all available OOP courses on DataCamp</li> <li>Work through the whole Think Python book and its exercises</li> </ul>	<ul style="list-style-type: none"> <li>DataCamp subscription (currently active)</li> <li>GitHub account</li> <li><i>Think Python</i> book</li> </ul>	<ul style="list-style-type: none"> <li>Online programming communities (on <i>Stack Overflow</i>, <i>DEV.to</i>, <i>Medium.com</i>)</li> </ul>	In the next 3 months
<b>Goal 3: Apply OOP Concepts in Real-World Projects</b>	<ul style="list-style-type: none"> <li>Deepened understanding of OOP and number of core OOP concepts implemented</li> <li>Recognition by others in programming community and at work</li> <li>At least two new GitHub repositories</li> </ul>	<ul style="list-style-type: none"> <li>Contribute to an Open-Source Python project</li> <li>Develop a front-end and additional modules of Food Cupboard app built during Launching into Computer module</li> </ul>	<ul style="list-style-type: none"> <li>GitHub account Python development environment</li> </ul>	<ul style="list-style-type: none"> <li>Work mentors</li> <li>Open-source community</li> <li>Peers in the industry</li> </ul>	By end of 2024 (6 months)