INTERNSHIP: INTERIM PROJECT REPORT

Internship Project Title	Shakchi Prasad
Name of the Company	RIO-125: Classification Model - Build a Model that Classifies the Side Effects of a Drug
Name of the Industry Mentor	TCS iON
Name of the Institute	Debashis Roy
	PrepInsta Pvt Ltd.

Start Date	End Date	Total Effort (hrs.)	Project Environment	Tools used
01-05-2023	04-07-2023	33	Remote	Youtube, Articles, etc.

Milestone #	1	Milestone:	Understand how to create a dataset

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Acknowledgements

I would like to thank TCS for the opportunity to be a part of the RIO – 125 Program. I am grateful for the staff at TCS for diligently curating the RIO experience and looking over my work on the same. Lastly, I am greatly thankful to my Institute – PrepInsta Pvt. Ltd. for creating this opportunity and allowing me to be go on this journey.

Objective

To build a Classification model that classifies the Side effects of a Drug.

Description of Internship

The TCS RIO – 125 is an initiative that allows people to complete an internship of 30 days over the course of 3 months, comprehensive of 125 hours. At its base it is designed to teach the intern to build an industry grade project in the above timeframe.

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Internship Activities

Attended and cleared RIO Pre-assessment.

Self-Learning

- Learnt the basics of Machine Learning.
- Learnt what a dataset is and what it comprises.
- Went through the webinars and other references provided by TCS for better understanding of project topic
- Learnt classification and varying algorithms.

Conducted Literature Survey.

LINKS:

https://core.ac.uk/download/pdf/145239566.pdf
https://bmcbioinformatics.biomedcentral.com/articles/10.1186/s12859-015-0774-y
https://www.ibg.uu.se/digitalAssets/147/c_147658-l_3-k_report-xiaodong-liu.pdf
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