

Mr. Meet Bhatt

WORK EXPERIENCE

Data Steward

PoL EXC , TU Dresden

03/2025 – continue

Dresden, Germany

- Provision of training and support for the electronic laboratory journal (eLabFTW).
- Creation of data management guidelines for groups.
- Acquired expertise in creating DMPs and guidelines for data scientists.
- Provision of data management tools Introduction to services for group leaders and lab managers.
- Support for the LIMS system (SQL) for the Cluster of Excellence.
- Management of the workflow for data lifecycle concepts, metadata standards, and data documentation (TRL process)
- Tech stack: Python, SQL , Javascript , Docker.

Bioinformatician

RWTH Aachen University

02/2023 - 02/2025

Aachen, Germany

- Performed score-matching analyses for time-dependent exposures in survival data with big data cohorts from the UK Biobank and RWTH Clinic datasets.
- Developed algorithms for fat quantification(n-gram, SVM, CNN) in MRI data objects.
- Applying sorting algorithm to untargeted metabolomics data for omics analysis and phenotype observation. Utilizing for processing metabolomics data and phenotype classification.
- Supervised 2 master's students and trained external clients in data analysis techniques and research project management.
- Organized and coordinated tasks for a multidisciplinary research project focusing on big data analysis.
- Tech Stack: Python, NumPy, Pandas, PyTorch, Scikit-Learn, OpenCV, Git, R (NLOpt), Docker, MySQL, Notion.

Data Engineer

University Clinic Mannheim

12/2021-12/2022

Mannheim, Germany

- Developed and implemented statistical methods for analyzed survival data of cancer patients using large cohort datasets.
- Designed and built a scalable data transfer platform and data lakes using Apache Spark and Apache Kafka for integrating site networks.
- Administered and optimized Windows and Linux server systems.
- Implementing FAIR data principles for metadata from HL7 -based EHR and laboratory information systems. Connecting a customized data transfer ETL pipeline with Data Lake to the research infrastructure with SAS Viya.
- Tech Stack: Python, Tensorflow, PyTorch, Scikit-Learn, OpenCV, Git, Docker, PostgreSQL, Confluence, Jira, Figma, Java, Spring.

Master thesis

Helmholtz Center München

01/2021 - 07/2021

Munich, Germany

- Assessed of DZIF data quality for visualisation based on Tidy Data.
- Sorting of data and use of Kaplan curve with ROC-AUC curve.
- Experienced working with SDTM from CDISC for clinical data captured in a database.
- worked with nucleotide and protein sequence alignment using PDB, NCBI, BLAST, Zinc DB, PyMOL (Python) Technology
- stack : Star LIMS(SQL), R , R shiny

Intern

Institute for Pathology, Regensburg

02/2020-08/2020

Regensburg, Germany

- Sample quality assessment workflow managed
- Biobank accreditation process with introduction of new SOPs and application of sample separation methods
- Utilisation of NGS sequencing data for a genetic research project for sclerosis patients
- Image segmentation with U-net and CNN model Python (OpenCV, Tensorflow)

EDUCATION

M.Sc. Biobanken and complex Data management		
CHU NICE -University Cote D'Azur	10/2019 - 09/2021,	Nice, France
Bachelor of biotechnology in Biotechnology		
University Rai	07/2014 - 06/2018	Ahmedabad, India

PROJECTS

- Biobanking of biosamples from coronavirus patients Profitability analysis (04/2020 - 06/2020)
[https://doi.org/10.1089/bio.2020 . 0168](https://doi.org/10.1089/bio.2020.0168)
- Quality & temperature analysis of biobank samples based on the purification process (04/2020 - 08/2020)
- Semantic segmentation with U-net of microscopic mitochondrial images RNA Seq analysis for workflow development (internship) (06/2021 - 08/2021)
- NGS analysis (additional projects with work) (07/2018 - 09/2019)
DNA and RNA separation, Sanger sequencing, NGS sequencing for BCR-ABL and NCPT test for genetic diseases.
- Mathematical modelling of the performance of metabolites in the liver (02/2023 - 02/2025)
- Gene expression analysis of liver patient data (02/2023 - 02/2025)
- GCP & AWS for the use of parallel programming in HPC (02/2023 - 02/2025)

ARTICLE

- Interim storage of biosamples in satellite collection centers June 2022 [Biopreservation and Biobanking DOI:10.1089/bio.2022.0002](#)
- Biobanking of samples from COVID-19 patients: An economic perspective from a clinical biobank May 2021 [Biopreservation and Biobanking](#) 19(5) DOI: [10.1089/bio.2020.0168](https://doi.org/10.1089/bio.2020.0168)

LANGUAGES

German	Englisch	French
<i>Intermediate</i>	<i>Mother tongue/ Fluent</i>	<i>Intermediate</i>

SPECIAL COURSES

- EU Proposal workshop by RWTH Aachen University. June 2024
- Next generation sequencing Workshop September 2024
- CoRDI poster presentation August 2025
- Base4NFDI Aug 2025