

Ryan G. Rodrigues

Data Analyst



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Bengaluru

EDUCATION

Oct 2018

National Center for Biological Sciences, Tata Institute for Fundamental Research

Master of Science

Apr 2016

St. Xavier's College, Mumbai

Bachelor of Science

RELEVANT SKILLS

Big Data Analysis

Data Science

Data Visualisation

Python

SQL

R Programming

MS Excel

MS PowerPoint

PROFESSIONAL EXPERIENCE

Feb 2022 – Aug 2022

Summer Intern – E-business Analytics

DSP Investment Managers Pvt Ltd

- Utilized Python and SQL to implement data-driven lead generation and marketing campaigns in collaboration with Marketing and Sales teams to guide customer acquisition and retention strategies
- Conducted diagnostic analyses with the aim of increasing digital platform adoption and generating insights on customers across large mutual fund distributors
- Generated dashboards for data visualisation using Amazon Quicksight to aid real time decision making
- Prepared insight reports for leadership team to guide decision making

June 2019 – December 2021

Research Assistant

Wildlife Conservation Society – India

- Utilized R programming, Python and Julia on a high performance computing Linux cluster to, for the first time, estimate population sizes and generate pan-India movement maps of Asiatic wild dogs
- Generated next-generation sequencing genomic information to identify individual specific mutations
- Wrangled countrywide spatial data and remotely sensed data to serve as input for movement and spatial conservation prioritisation models
- Prepared reports for government agencies, presented results at international conferences and drafted results for publication in international peer-reviewed journals

PUBLICATIONS & APPEARANCES

- "Connect the dogs: A framework to inform countrywide connectivity conservation of India's wild dogs", The Applied Ecologist, Oct 2021
- "Dog in the matrix: Envisioning countrywide connectivity conservation for an endangered carnivore", Journal of Applied Ecology, Oct 2021
- "Mind the Gap: Connectivity Conservation for Dholes in India", Conservation India, Oct 2021