

Bruno de Abreu Machado

<http://brunodeabreu.github.io/blog>

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EDUCATION

- **Universidade Anhembi Morumbi** São Paulo, SP
Bachelor of Statistics Jan. 2020 – now
- **Pontificia Universidade Catolica de Minas Gerais** Contagem, MG
Postgraduate Program in Data Science and Big Data Jan. 2017 – Apr. 2019
- **Universidade Fumec** Belo Horizonte, MG
Bachelor of Computer Science Feb. 2004 – Dec. 2007

COURSEWORK

- **Completed :** IBM Data Science Professional Certificate - Coursera
- **Completed :** Specialization Data Science and Big Data - PUC Minas
- **In-progress :** Data Science path - Datacamp

EXPERIENCE

- **IBM Brasil** Belo Horizonte, MG
Database Administrator Dec 2008 - Present
 - **Primary DB2 specialist support:** Provide primary support for customer supporting HADR, TSAMP clusters, fixpack installs, migration, security health check tools, performance and root cause analysis
 - **DB2 24x7 Support:** Provide support 24x7 for incident and change management for national and worldwide customers
- **AF Services Research** Belo Horizonte, MG
Java Programmer Nov 2008 - Dec 2008
 - **Java Programmer:** EmailVision Project - Development and functions for email marketing
- **FUMEC** Belo Horizonte, MG
IT Assistant Jun 2002 - Oct 2008
 - **ERP Support - Support Administrative tools:** Provide technical support for Administrative software

PROJECTS

- **DSA Mar Challenge Predict Sales for sales for store:** Machine learning prediction challenge , 27th position Top 44% using R and Random Forest , score 0.42 RMSPE
- **DSA Feb Challenge Predict build score New York Dataset:** Machine learning prediction challenge , 17th Top 44% position using R and Random Forest , score 10.2 MAE
- **KDD2009 CRM Churn , Upselling and appetency prediction:**
- **Kaggle House Price Prediction:** Machine learning prediction on house dataset from kaggle, score 0.18349
- **Loan Prediction 3 , :** Machine learning Loan Prediction datahack.analyticsvidhya, score : 0.77777

PROGRAMMING SKILLS

- **Tecnical:** Machine Learning (Classification, Regression, Feature Engineering and selection, visualization)
- **Coding:** R (caret, dplyr, tidyr), Python (Pytorch, Scikit-learn, Numpy, Pandas, SciPy, Matplotlib, Seaborn), Julia (Basic)