

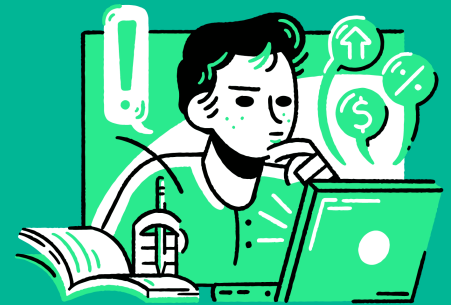
# DollarBot:

## Smarter Budgeting, Effortless Tracking



### About

DollarBot is a Telegram bot designed to simplify daily expense tracking. It allows users to **log and categorize expenses, set budgets, and track spending trends through visualizations**. With features like **recurring transactions, expense history, and PDF export**, DollarBot provides a comprehensive solution for managing personal finances effortlessly. **Tested rigorously with 121 test cases**, DollarBot ensures a highly reliable and robust experience for users.



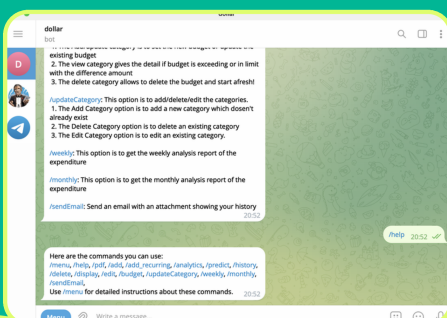
### What's better?



- **Predictive Analytics:** DollarBot uses machine learning to predict future spending based on past trends, improving budget planning accuracy.
- **Email Notifications:** Users can receive detailed expenditure summaries via email, offering an easy way to track and archive finances.
- **PDF Export:** Export expenses as PDF files for flexible data management and integration with other tools.
- **Recurring Expense Tracking:** Automatically log regular payments like subscriptions or rent, eliminating manual entries.
- **User Interface Enhancements:** Simplified category management and new visual analytics (graphs/charts) provide better financial insights.

### Future Scopes

- **Multi-Currency Support:** Track expenses in different currencies with automatic conversion to a primary currency. Integrating APIs like OpenExchangeRates will ensure real-time currency conversion for global users.
- **Personalized Spending Insights:** Offer users personalized spending insights based on their historical transaction data. After collecting sufficient data, provide users with actionable insights using statistical analysis.
- **Enhanced Budget Tracking:** Introduce category-specific budget limits with alerts at 80%, 90%, and 100%, providing more control over spending in key areas.
- **Improved Data Visualization:** Add customizable charts (bar, pie) with filtering options to provide deeper insights into spending trends.



### Watch DollarBot in Action

Scan the left QR code to watch our demo video and see DollarBot in action! Discover how it simplifies expense tracking, budgeting, and financial management with real-life examples. You can also access our repository by scanning the QR code on the right.



Demo



Repo